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ANALYTICAL STUDY OF GROUND-SURFACE SHIELDING CHARACTERISTICS OF--ETC(U)
JUN 74 H W WEST, P L DOIRON, J A PARKS

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TECHNICAL REPORT M-74-4

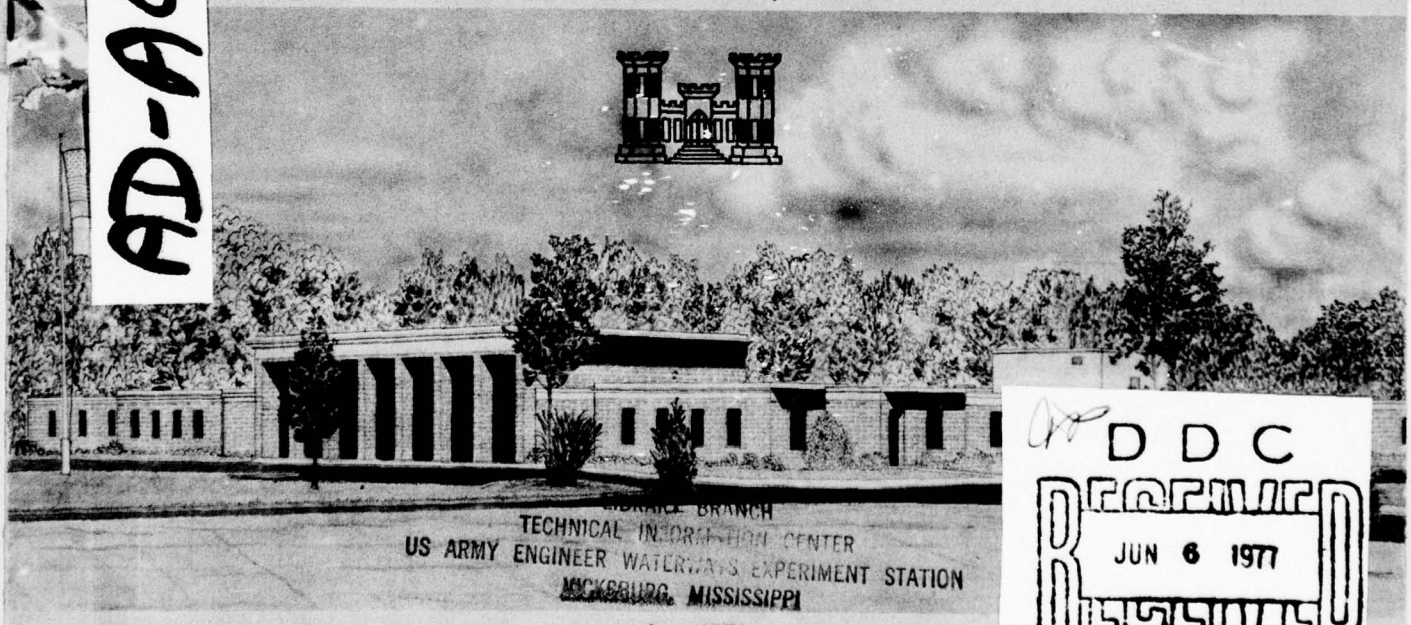
ANALYTICAL STUDY OF GROUND-SURFACE SHIELDING CHARACTERISTICS OF SELECTED ROAD TERRAINS

Volume II

OUTPUT OF SHIELDING MODEL

by

H. W. West, P. L. Doiron, J. A. Parks



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Conducted by U. S. Army Engineer Waterways Experiment Station
Mobility and Environmental Systems Laboratory
Vicksburg, Mississippi

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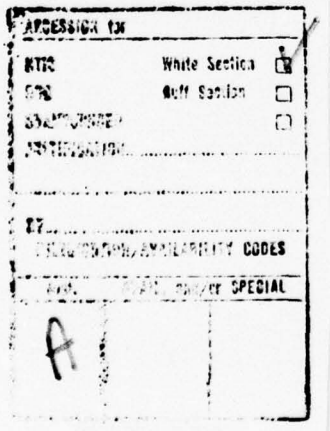

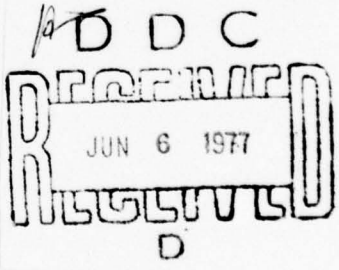

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ANALYTICAL STUDY OF GROUND-SURFACE SHIELDING CHARACTERISTICS OF SELECTED ROAD TERRAINS

Volume II: OUTPUT OF SHIELDING MODEL

1. This volume contains the tabular output of the shielding model for each of the six road sites described in Volume I. The output consists of four parts as follows:

a. Percent shielding of 300-cm-tall, one-dimensional target; burst heights, 0, 100, 200, 300, 400, and 500 cm.

Table 1--road site 1, target position A
Table 2--road site 1, target position B
Table 3--road site 1, target position C
Table 4--road site 1, target position D
Table 5--road site 1, target position E
Table 6--road site 2, target position A
Table 7--road site 2, target position B
Table 8--road site 2, target position C
Table 9--road site 2, target position D
Table 10--road site 2, target position E
Table 11--road site 3, target position A
Table 12--road site 3, target position B
Table 13--road site 3, target position C
Table 14--road site 3, target position D
Table 15--road site 3, target position E
Table 16--road site 4, target position A
Table 17--road site 4, target position B
Table 18--road site 4, target position C
Table 19--road site 4, target position D
Table 20--road site 4, target position E
Table 21--road site 5, target position A
Table 22--road site 5, target position B
Table 23--road site 5, target position C
Table 24--road site 5, target position D
Table 25--road site 5, target position E
Table 26--road site 6, target position A
Table 27--road site 6, target position B
Table 28--road site 6, target position C
Table 29--road site 6, target position D
Table 30--road site 6, target position E

b. Percent shielding of 300-cm-tall, one-dimensional target; burst heights 10, 25, 50, and 75 cm.

Table 31--road site 1, target position A
Table 32--road site 1, target position B
Table 33--road site 1, target position C
Table 34--road site 1, target position D
Table 35--road site 1, target position E

Table 36--road site 2, target position A
Table 37--road site 2, target position B
Table 38--road site 2, target position C
Table 39--road site 2, target position D
Table 40--road site 2, target position E
Table 41--road site 3, target position A
Table 42--road site 3, target position B
Table 43--road site 3, target position C
Table 44--road site 3, target position D
Table 45--road site 3, target position E
Table 46--road site 4, target position A
Table 47--road site 4, target position B
Table 48--road site 4, target position C
Table 49--road site 4, target position D
Table 50--road site 4, target position E
Table 51--road site 5, target position A
Table 52--road site 5, target position B
Table 53--road site 5, target position C
Table 54--road site 5, target position D
Table 55--road site 5, target position E
Table 56--road site 6, target position A
Table 57--road site 6, target position B
Table 58--road site 6, target position C
Table 59--road site 6, target position D
Table 60--road site 6, target position E

c. Probability of shielding of target for each 30-cm height interval; burst heights 0, 100, 200, 300, 400, and 500 cm.

Table 61--road site 1, target position A
Table 62--road site 1, target position B
Table 63--road site 1, target position C
Table 64--road site 1, target position D
Table 65--road site 1, target position E
Table 66--road site 2, target position A
Table 67--road site 2, target position B
Table 68--road site 2, target position C
Table 69--road site 2, target position D
Table 70--road site 2, target position E
Table 71--road site 3, target position A
Table 72--road site 3, target position B
Table 73--road site 3, target position C
Table 74--road site 3, target position D
Table 75--road site 3, target position E
Table 76--road site 4, target position A
Table 77--road site 4, target position B
Table 78--road site 4, target position C
Table 79--road site 4, target position D
Table 80--road site 4, target position E
Table 81--road site 5, target position A
Table 82--road site 5, target position B

Table 83--road site 5, target position C
Table 84--road site 5, target position D
Table 85--road site 5, target position E
Table 86--road site 6, target position A
Table 87--road site 6, target position B
Table 88--road site 6, target position C
Table 89--road site 6, target position D
Table 90--road site 6, target position E

d. Probability of shielding of target for each 30-cm height interval; burst heights 10, 25, 50, and 75 cm.
Table 91--road site 1, target position A
Table 92--road site 1, target position B
Table 93--road site 1, target position C
Table 94--road site 1, target position D
Table 95--road site 1, target position E
Table 96--road site 2, target position A
Table 97--road site 2, target position B
Table 98--road site 2, target position C
Table 99--road site 2, target position D
Table 100--road site 2, target position E
Table 101--road site 3, target position A
Table 102--road site 3, target position B
Table 103--road site 3, target position C
Table 104--road site 3, target position D
Table 105--road site 3, target position E
Table 106--road site 4, target position A
Table 107--road site 4, target position B
Table 108--road site 4, target position C
Table 109--road site 4, target position D
Table 110--road site 4, target position E
Table 111--road site 5, target position A
Table 112--road site 5, target position B
Table 113--road site 5, target position C
Table 114--road site 5, target position D
Table 115--road site 5, target position E
Table 116--road site 6, target position A
Table 117--road site 6, target position B
Table 118--road site 6, target position C
Table 119--road site 6, target position D
Table 120--road site 6, target position E

SITE 1

TABLE 1
SHIELDING OF TARGET AT POSITION A
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
18	89	0.	83	0.	78	0.	72	0.	67	0.	63	0.
36	89	0.	84	0.	78	0.	73	0.	68	0.	63	0.
54	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
72	91	0.	86	0.	80	0.	74	0.	69	0.	64	0.
90	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
108	92	0.	87	0.	81	0.	76	0.	70	0.	65	0.
126	93	0.	87	0.	81	0.	76	0.	70	0.	65	0.
144	93	0.	87	0.	82	0.	76	0.	71	0.	66	0.
162	93	0.	87	0.	82	0.	76	0.	71	0.	66	0.
180	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
198	93	0.	87	0.	81	0.	76	0.	71	0.	66	0.
216	92	0.	87	0.	81	0.	75	0.	70	0.	65	0.
234	92	0.	86	0.	80	0.	75	0.	70	0.	65	0.
252	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
270	90	0.	85	0.	79	0.	74	0.	68	0.	64	0.
288	90	0.	84	0.	79	0.	73	0.	68	0.	63	0.
306	90	0.	84	0.	78	0.	73	0.	68	0.	63	0.
324	89	0.	83	0.	78	0.	72	0.	67	0.	63	0.
342	89	0.	83	0.	78	0.	72	0.	67	0.	62	0.
360	89	0.	83	0.	78	0.	72	0.	67	0.	62	0.
AVERAGE SHIELDING		0.		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		85		80		74		69		64

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 3

SHIELDING OF TARGET AT POSITION A

RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
9	0	100.00	87	0.	85	0.	82	0.	79	0.	76	0.
18	0	100.00	87	0.	84	0.	81	0.	78	0.	76	0.
27	92	50.00	86	0.	83	0.	80	0.	78	0.	75	0.
36	89	0.	86	0.	83	0.	80	0.	77	0.	75	0.
45	89	0.	86	0.	83	0.	80	0.	77	0.	75	0.
54	89	0.	86	0.	83	0.	80	0.	78	0.	75	0.
63	90	0.	87	0.	84	0.	81	0.	78	0.	76	0.
72	91	0.	88	0.	85	0.	82	0.	79	0.	77	0.
81	91	0.	88	0.	85	0.	82	0.	79	0.	77	0.
90	91	0.	88	0.	85	0.	83	0.	80	0.	77	0.
99	91	0.	89	0.	86	0.	83	0.	80	0.	77	0.
108	91	0.	88	0.	85	0.	83	0.	80	0.	77	0.
117	91	0.	89	0.	86	0.	83	0.	80	0.	77	0.
126	92	0.	89	0.	86	0.	83	0.	80	0.	78	0.
135	92	0.	89	0.	86	0.	83	0.	81	0.	78	0.
144	92	0.	89	0.	86	0.	84	0.	81	0.	78	0.
153	92	0.	89	0.	86	0.	84	0.	81	0.	78	0.
162	92	0.	89	0.	87	0.	84	0.	81	0.	78	0.
171	92	0.	89	0.	87	0.	84	0.	81	0.	78	0.
180	92	0.	89	0.	87	0.	84	0.	81	0.	78	0.
189	92	0.	89	0.	86	0.	84	0.	81	0.	78	0.
198	92	0.	89	0.	86	0.	83	0.	80	0.	78	0.
207	92	0.	89	0.	86	0.	83	0.	80	0.	78	0.
216	91	0.	89	0.	86	0.	83	0.	80	0.	77	0.
225	91	0.	88	0.	85	0.	83	0.	80	0.	77	0.
234	91	0.	88	0.	85	0.	82	0.	79	0.	77	0.
243	91	0.	88	0.	85	0.	82	0.	79	0.	76	0.
252	90	0.	87	0.	85	0.	82	0.	79	0.	76	0.
261	90	0.	87	0.	84	0.	81	0.	79	0.	76	0.
270	90	0.	87	0.	84	0.	81	0.	78	0.	76	0.
279	90	0.	87	0.	84	0.	81	0.	78	0.	75	0.
288	89	0.	86	0.	84	0.	81	0.	78	0.	75	0.
297	89	0.	86	0.	83	0.	81	0.	78	0.	75	0.
306	89	0.	86	0.	83	0.	80	0.	78	0.	75	0.

TABLE 1 / (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
315	89	0.	86	0.	83	0.	80	0.	77	0.	75	0.
324	88	0.	85	0.	83	0.	80	0.	77	0.	74	0.
333	96	90.00	86	0.	83	0.	80	0.	78	0.	75	0.
342	0	100.00	87	0.	84	0.	81	0.	79	0.	76	0.
351	0	100.00	88	0.	85	0.	82	0.	79	0.	76	0.
360	0	100.00	88	0.	85	0.	82	0.	79	0.	77	0.
AVERAGE SHIELDING		16.00		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		88		85		82		79		76

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 1

SHIELDING OF TARGET AT POSITION A
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
6	0	100.00	0	100.00	96	80.00	92	40.00	88	0.	86	0.
12	0	100.00	0	100.00	96	80.00	91	30.00	88	0.	86	0.
18	0	100.00	0	100.00	95	70.00	90	20.00	87	0.	85	0.
24	0	100.00	0	100.00	93	60.00	89	10.00	87	0.	85	0.
30	0	100.00	96	90.00	90	30.00	87	0.	85	0.	84	0.
36	0	100.00	94	70.00	88	0.	86	0.	85	0.	83	0.
42	0	100.00	90	30.00	87	0.	85	0.	84	0.	82	0.
48	0	100.00	88	0.	86	0.	84	0.	83	0.	81	0.
54	91	50.00	87	0.	85	0.	83	0.	81	0.	80	0.
60	89	0.	87	0.	85	0.	83	0.	81	0.	79	0.
66	89	0.	87	0.	85	0.	83	0.	82	0.	80	0.
72	90	0.	88	0.	86	0.	84	0.	82	0.	80	0.
78	90	0.	88	0.	86	0.	85	0.	83	0.	81	0.
84	90	0.	88	0.	87	0.	85	0.	83	0.	81	0.
90	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
96	91	0.	89	0.	87	0.	85	0.	83	0.	82	0.
102	91	0.	89	0.	87	0.	85	0.	83	0.	82	0.
108	92	20.00	89	0.	88	0.	86	0.	84	0.	82	0.
114	93	30.00	90	0.	88	0.	86	0.	84	0.	82	0.
120	94	50.00	90	0.	88	0.	86	0.	84	0.	82	0.
126	94	40.00	90	0.	88	0.	86	0.	84	0.	82	0.
132	94	40.00	90	0.	88	0.	86	0.	84	0.	82	0.
138	93	20.00	90	0.	88	0.	86	0.	84	0.	82	0.
144	93	30.00	90	0.	88	0.	87	0.	85	0.	83	0.
150	94	30.00	91	0.	89	0.	87	0.	85	0.	83	0.
156	95	50.00	91	0.	89	0.	87	0.	85	0.	83	0.
162	95	50.00	91	0.	89	0.	87	0.	85	0.	84	0.
168	96	50.00	91	0.	89	0.	88	0.	86	0.	84	0.
174	96	60.00	92	0.	90	0.	88	0.	86	0.	84	0.
180	97	70.00	92	0.	90	0.	88	0.	86	0.	84	0.
186	95	40.00	91	0.	89	0.	87	0.	86	0.	84	0.
192	94	30.00	91	0.	89	0.	87	0.	85	0.	83	0.
198	93	20.00	90	0.	88	0.	87	0.	85	0.	83	0.
204	92	10.00	90	0.	88	0.	86	0.	84	0.	82	0.

TABLE 1 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
210	91	0.	89	0.	88	0.	86	0.	84	0.	82	0.
216	91	0.	89	0.	87	0.	85	0.	83	0.	82	0.
222	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
228	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
234	90	0.	89	0.	87	0.	85	0.	83	0.	81	0.
240	90	0.	88	0.	87	0.	85	0.	83	0.	81	0.
246	90	0.	88	0.	86	0.	85	0.	83	0.	81	0.
252	90	0.	88	0.	86	0.	84	0.	82	0.	81	0.
258	90	10.00	88	0.	86	0.	84	0.	82	0.	81	0.
264	90	0.	88	0.	86	0.	84	0.	82	0.	80	0.
270	90	0.	88	0.	86	0.	84	0.	82	0.	80	0.
276	90	0.	88	0.	86	0.	84	0.	82	0.	80	0.
282	90	10.00	88	0.	86	0.	84	0.	82	0.	80	0.
288	89	10.00	87	0.	86	0.	84	0.	82	0.	80	0.
294	89	10.00	87	0.	85	0.	84	0.	82	0.	80	0.
300	89	0.	87	0.	85	0.	83	0.	81	0.	80	0.
306	0	100.00	88	0.	86	0.	84	0.	82	0.	80	0.
312	0	100.00	90	30.00	87	0.	85	0.	83	0.	81	0.
318	0	100.00	92	50.00	88	0.	86	0.	84	0.	82	0.
324	0	100.00	95	90.00	89	20.00	87	0.	85	0.	83	0.
330	0	100.00	0	100.00	92	50.00	88	0.	86	0.	84	0.
336	0	100.00	0	100.00	95	80.00	90	30.00	87	0.	85	0.
342	0	100.00	0	100.00	96	80.00	91	30.00	88	0.	86	0.
348	0	100.00	0	100.00	97	90.00	92	40.00	88	10.00	86	0.
354	0	100.00	0	100.00	97	90.00	92	40.00	88	10.00	86	0.
360	0	100.00	0	100.00	97	90.00	93	50.00	88	10.00	87	0.
AVERAGE SHIELDING		42.17		22.67		13.67		4.83		0.50		0.
AVERAGE TARGET CONTACT ANGLE		92		90		89		86		84		82

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 1

SHIELDING OF TARGET AT POSITION A

RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
4	97	90.00	95	70.00	92	40.00	90	20.00	88	0.	86	0.
9	97	90.00	95	70.00	92	40.00	90	20.00	88	0.	86	0.
13	97	90.00	95	70.00	92	40.00	90	20.00	88	0.	86	0.
18	97	90.00	95	70.00	92	40.00	90	20.00	88	0.	86	0.
22	0	100.00	95	70.00	92	40.00	89	10.00	88	0.	86	0.
27	0	100.00	95	80.00	92	40.00	90	20.00	88	0.	86	0.
31	0	100.00	95	80.00	92	40.00	89	10.00	88	0.	86	0.
36	0	100.00	0	100.00	93	60.00	90	20.00	88	0.	87	0.
40	0	100.00	0	100.00	94	70.00	90	30.00	88	0.	87	0.
45	0	100.00	0	100.00	92	50.00	89	10.00	87	0.	86	0.
49	0	100.00	94	80.00	90	20.00	88	0.	86	0.	85	0.
54	0	100.00	91	50.00	88	0.	87	0.	85	0.	84	0.
58	0	100.00	89	0.	87	0.	86	0.	84	0.	83	0.
63	92	80.00	88	0.	86	0.	85	0.	83	0.	82	0.
67	89	0.	87	0.	86	0.	85	0.	83	0.	82	0.
72	89	0.	88	0.	86	0.	85	0.	83	0.	82	0.
76	90	0.	88	0.	87	0.	85	0.	84	0.	82	0.
81	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
85	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
90	90	0.	89	0.	88	0.	86	0.	85	0.	83	0.
94	91	0.	89	0.	88	0.	87	0.	85	0.	84	0.
99	92	20.00	90	0.	88	0.	87	0.	85	0.	84	0.
103	93	40.00	90	0.	89	0.	87	0.	86	0.	84	0.
108	94	50.00	90	0.	89	0.	88	0.	86	0.	85	0.
112	95	80.00	91	0.	89	0.	88	0.	87	0.	85	0.
117	95	60.00	91	0.	90	0.	88	0.	87	0.	85	0.
121	95	60.00	91	0.	90	0.	88	0.	87	0.	85	0.
126	94	50.00	91	0.	90	0.	88	0.	87	0.	85	0.
130	94	50.00	91	0.	90	0.	88	0.	87	0.	85	0.
135	94	50.00	91	0.	90	0.	88	0.	87	0.	86	0.
139	94	50.00	91	0.	90	0.	88	0.	87	0.	86	0.
144	94	50.00	91	0.	90	0.	88	0.	87	0.	86	0.
148	95	60.00	91	0.	90	0.	88	0.	87	0.	86	0.
153	94	30.00	91	0.	90	0.	89	0.	87	0.	86	0.

TABLE 1 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARSET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
157	94	30.00	92	0.	90	0.	89	0.	87	0.	86	0.
162	94	30.00	92	0.	90	0.	89	0.	87	0.	86	0.
166	93	20.00	92	0.	90	0.	89	0.	87	0.	86	0.
171	93	20.00	92	0.	90	0.	89	0.	87	0.	86	0.
175	93	20.00	92	0.	90	0.	89	0.	87	0.	86	0.
180	93	20.00	92	0.	90	0.	89	0.	87	0.	86	0.
184	93	20.00	91	0.	90	0.	89	0.	87	0.	86	0.
189	93	20.00	91	0.	90	0.	88	0.	87	0.	85	0.
193	93	20.00	91	0.	90	0.	88	0.	87	0.	85	0.
198	0	100.00	91	0.	89	0.	88	0.	86	0.	85	0.
202	94	70.00	90	0.	89	0.	87	0.	86	0.	84	0.
207	92	30.00	90	0.	88	0.	87	0.	85	0.	84	0.
211	91	10.00	89	0.	88	0.	86	0.	85	0.	84	0.
216	91	0.	89	0.	88	0.	86	0.	85	0.	83	0.
220	90	0.	89	0.	88	0.	86	0.	85	0.	83	0.
225	90	0.	89	0.	87	0.	86	0.	85	0.	83	0.
229	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
234	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
238	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
243	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
247	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
252	90	0.	88	0.	87	0.	86	0.	84	0.	83	0.
256	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
261	90	10.00	89	0.	87	0.	86	0.	84	0.	83	0.
265	91	30.00	88	0.	87	0.	86	0.	84	0.	83	0.
270	92	50.00	88	0.	87	0.	86	0.	84	0.	83	0.
274	90	20.00	88	0.	87	0.	85	0.	84	0.	83	0.
279	92	50.00	88	0.	87	0.	86	0.	84	0.	83	0.
283	91	30.00	88	0.	87	0.	86	0.	84	0.	83	0.
288	91	40.00	88	0.	87	0.	85	0.	84	0.	83	0.
292	90	20.00	88	0.	87	0.	85	0.	84	0.	82	0.
297	0	100.00	89	0.	88	0.	86	0.	85	0.	83	0.
301	0	100.00	91	50.00	88	0.	87	0.	85	0.	84	0.
306	0	100.00	0	100.00	90	30.00	88	0.	86	0.	85	0.

TABLE 1 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
310	0	100.00	0	100.00	93	70.00	89	20.00	87	0.	86	0.
315	0	100.00	0	100.00	95	90.00	92	50.00	88	10.00	87	0.
319	0	100.00	0	100.00	0	100.00	93	60.00	90	20.00	88	0.
324	0	100.00	0	100.00	95	90.00	92	50.00	89	20.00	87	0.
328	0	100.00	0	100.00	93	60.00	91	30.00	88	10.00	87	0.
333	0	100.00	96	90.00	93	60.00	91	30.00	88	10.00	87	0.
337	0	100.00	96	80.00	93	50.00	91	30.00	88	0.	87	0.
342	0	100.00	95	80.00	93	50.00	90	30.00	88	0.	87	0.
346	0	100.00	95	70.00	93	50.00	90	30.00	88	0.	87	0.
351	0	100.00	95	70.00	93	50.00	90	20.00	88	0.	87	0.
355	0	100.00	95	70.00	92	40.00	90	20.00	88	0.	87	0.
360	97	90.00	95	70.00	92	40.00	90	20.00	88	0.	86	0.
AVERAGE SHIELDING		51.75		26.50		15.75		7.12		0.87		0.
AVERAGE TARGET CONTACT ANGLE		92		91		89		88		86		85

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

1

TABLE X

SHIELDING OF TARGET AT POSITION A
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	96	80.00	94	60.00	92	40.00	91	30.00	89	10.00	88	0.
7	96	80.00	94	60.00	92	40.00	91	30.00	89	10.00	88	0.
10	96	80.00	94	60.00	92	40.00	91	30.00	89	10.00	88	0.
14	0	100.00	94	60.00	92	40.00	91	30.00	89	10.00	88	0.
18	0	100.00	94	60.00	92	40.00	90	20.00	89	10.00	87	0.
21	95	70.00	93	50.00	92	40.00	90	20.00	88	0.	87	0.
25	95	70.00	93	50.00	91	30.00	90	20.00	88	0.	87	0.
28	95	70.00	93	50.00	91	30.00	89	10.00	88	0.	87	0.
32	95	80.00	93	50.00	91	30.00	89	10.00	88	0.	87	0.
36	95	80.00	93	60.00	91	30.00	89	10.00	88	0.	87	0.
39	95	80.00	93	60.00	91	30.00	89	10.00	88	0.	87	0.
43	95	90.00	93	60.00	91	30.00	89	10.00	88	0.	87	0.
46	0	100.00	93	70.00	91	40.00	89	10.00	88	0.	87	0.
50	0	100.00	0	100.00	92	50.00	90	20.00	88	0.	87	0.
54	0	100.00	0	100.00	92	60.00	89	20.00	88	0.	87	0.
57	0	100.00	93	80.00	90	30.00	88	0.	87	0.	86	0.
61	0	100.00	91	50.00	88	0.	87	0.	86	0.	85	0.
64	0	100.00	89	10.00	88	0.	87	0.	85	0.	84	0.
68	0	100.00	88	0.	87	0.	86	0.	85	0.	84	0.
72	92	90.00	88	0.	87	0.	86	0.	85	0.	84	0.
75	90	20.00	88	0.	87	0.	86	0.	85	0.	84	0.
79	90	10.00	89	0.	88	0.	86	0.	85	0.	84	0.
82	91	40.00	89	0.	88	0.	87	0.	86	0.	85	0.
86	92	40.00	89	0.	88	0.	87	0.	86	0.	85	0.
90	92	50.00	90	0.	89	0.	87	0.	86	0.	85	0.
93	93	70.00	90	0.	89	0.	88	0.	87	0.	85	0.
97	93	60.00	90	0.	89	0.	88	0.	87	0.	86	0.
100	93	60.00	91	0.	89	0.	88	0.	87	0.	86	0.
104	93	50.00	91	0.	90	0.	88	0.	87	0.	86	0.
108	94	50.00	91	0.	90	0.	89	0.	88	0.	87	0.
111	94	50.00	91	10.00	90	0.	89	0.	88	0.	87	0.
115	94	40.00	91	10.00	90	0.	89	0.	88	0.	87	0.
118	94	40.00	92	10.00	90	0.	89	0.	88	0.	87	0.
122	94	40.00	92	10.00	91	0.	89	0.	88	0.	87	0.

TABLE 1 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
126	94	50.00	92	10.00	91	0.	89	0.	88	0.	87	0.
129	94	40.00	92	10.00	91	0.	89	0.	88	0.	87	0.
133	94	50.00	92	10.00	91	0.	89	0.	88	0.	87	0.
136	94	50.00	92	0.	91	0.	89	0.	88	0.	87	0.
140	94	40.00	92	0.	91	0.	90	0.	88	0.	87	0.
144	94	50.00	92	0.	91	0.	90	0.	89	0.	87	0.
147	94	40.00	92	0.	91	0.	90	0.	88	0.	87	0.
151	94	50.00	92	0.	91	0.	90	0.	89	0.	87	0.
154	95	60.00	92	0.	91	0.	90	0.	89	0.	87	0.
158	95	50.00	92	0.	91	0.	90	0.	89	0.	87	0.
162	94	40.00	92	0.	91	0.	90	0.	89	0.	87	0.
165	93	20.00	92	0.	91	0.	90	0.	89	0.	87	0.
169	93	20.00	92	0.	91	0.	90	0.	88	0.	87	0.
172	93	20.00	92	0.	91	0.	90	0.	88	0.	87	0.
176	93	20.00	92	0.	91	0.	89	0.	88	0.	87	0.
180	93	10.00	92	0.	91	0.	89	0.	88	0.	87	0.
183	93	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
187	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
190	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
194	92	10.00	91	0.	90	0.	89	0.	87	0.	86	0.
198	92	0.	91	0.	90	0.	88	0.	87	0.	86	0.
201	92	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
205	92	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
208	93	50.00	90	0.	89	0.	88	0.	87	0.	86	0.
212	93	60.00	90	0.	89	0.	88	0.	87	0.	85	0.
216	92	50.00	90	0.	89	0.	87	0.	86	0.	85	0.
219	92	50.00	89	0.	88	0.	87	0.	86	0.	85	0.
223	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
226	90	0.	89	0.	88	0.	87	0.	85	0.	84	0.
230	90	0.	89	0.	88	0.	87	0.	85	0.	84	0.
234	90	0.	89	0.	88	0.	87	0.	85	0.	84	0.
237	90	20.00	89	0.	88	0.	87	0.	85	0.	84	0.
241	91	30.00	89	0.	88	0.	87	0.	85	0.	84	0.
244	91	30.00	89	0.	88	0.	87	0.	86	0.	84	0.

TABLE 1 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
248	91	40.00	89	0.	88	0.	87	0.	86	0.	84	0.
252	91	40.00	89	0.	88	0.	87	0.	86	0.	85	0.
255	92	50.00	89	0.	88	0.	87	0.	86	0.	85	0.
259	92	50.00	89	0.	88	0.	87	0.	86	0.	85	0.
262	92	50.00	89	0.	88	0.	87	0.	86	0.	85	0.
266	93	70.00	89	0.	88	0.	87	0.	86	0.	85	0.
270	93	70.00	89	0.	88	0.	87	0.	86	0.	85	0.
273	92	60.00	89	0.	88	0.	87	0.	86	0.	85	0.
277	92	60.00	89	0.	88	0.	87	0.	86	0.	85	0.
280	91	40.00	89	0.	88	0.	87	0.	86	0.	84	0.
284	91	30.00	89	0.	88	0.	87	0.	85	0.	84	0.
288	91	30.00	89	0.	88	0.	86	0.	85	0.	84	0.
291	0	100.00	89	0.	88	0.	87	0.	86	0.	84	0.
295	0	100.00	91	50.00	89	0.	88	0.	86	0.	85	0.
298	0	100.00	0	100.00	90	30.00	88	0.	87	0.	86	0.
302	0	100.00	0	100.00	93	80.00	90	30.00	88	0.	87	0.
306	0	100.00	0	100.00	0	100.00	93	70.00	90	30.00	88	0.
309	0	100.00	0	100.00	0	100.00	93	70.00	90	30.00	88	0.
313	0	100.00	0	100.00	94	80.00	92	50.00	89	20.00	88	0.
316	0	100.00	95	90.00	93	70.00	91	40.00	89	20.00	88	0.
320	0	100.00	95	90.00	93	60.00	91	40.00	89	10.00	88	0.
324	0	100.00	95	80.00	93	60.00	91	40.00	89	10.00	88	0.
327	96	90.00	94	70.00	92	50.00	90	30.00	89	10.00	88	0.
331	96	90.00	94	70.00	92	50.00	90	30.00	89	10.00	87	0.
334	96	90.00	94	70.00	92	50.00	90	30.00	89	10.00	87	0.
338	96	80.00	94	60.00	92	50.00	91	30.00	89	10.00	88	0.
342	0	100.00	94	60.00	93	50.00	91	30.00	89	10.00	88	0.
345	0	100.00	94	60.00	93	50.00	91	30.00	89	20.00	88	0.
349	96	80.00	94	60.00	93	50.00	91	30.00	89	20.00	88	0.
352	96	80.00	94	60.00	93	50.00	91	30.00	89	20.00	88	0.
356	96	80.00	94	60.00	93	50.00	91	30.00	89	10.00	88	0.
360	96	80.00	94	60.00	93	50.00	91	30.00	89	10.00	88	0.
AVERAGE SHIELDING		58.40		26.00		16.80		9.20		3.00		0.
AVERAGE TARGET CONTACT ANGLE		93		91		90		89		87		88

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 1

SHIELDING OF TARGET AT POSITION A
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	91	30.00	90	20.00	89	10.00	88	0.	87	0.	86	0.
6	91	30.00	90	20.00	88	10.00	87	0.	86	0.	86	0.
9	91	30.00	90	20.00	88	10.00	87	0.	87	0.	86	0.
12	91	30.00	90	20.00	89	10.00	88	0.	87	0.	86	0.
15	91	30.00	90	20.00	89	10.00	88	0.	87	0.	86	0.
18	91	30.00	90	20.00	89	10.00	88	0.	87	0.	86	0.
21	92	40.00	90	20.00	89	10.00	88	0.	87	0.	86	0.
24	92	40.00	91	30.00	90	20.00	88	0.	87	0.	86	0.
27	93	50.00	91	40.00	90	20.00	89	10.00	88	0.	87	0.
30	93	60.00	92	40.00	91	30.00	89	10.00	88	0.	87	0.
33	94	70.00	92	50.00	91	30.00	90	20.00	88	0.	87	0.
36	94	80.00	92	50.00	91	40.00	90	20.00	88	0.	87	0.
39	94	70.00	92	50.00	91	30.00	89	10.00	88	0.	87	0.
42	93	70.00	92	50.00	90	30.00	89	10.00	88	0.	87	0.
45	93	70.00	92	50.00	90	30.00	89	10.00	88	0.	87	0.
48	94	80.00	92	50.00	90	30.00	89	0.	88	0.	87	0.
51	94	80.00	92	50.00	90	30.00	89	0.	88	0.	87	0.
54	0	100.00	92	60.00	90	30.00	89	0.	88	0.	87	0.
57	0	100.00	93	80.00	91	40.00	89	10.00	88	0.	87	0.
60	0	100.00	0	100.00	91	60.00	89	20.00	88	0.	87	0.
63	0	100.00	92	80.00	90	30.00	88	0.	87	0.	86	0.
66	0	100.00	91	60.00	89	0.	88	0.	87	0.	86	0.
69	0	100.00	90	30.00	88	0.	87	0.	86	0.	85	0.
72	0	100.00	89	0.	88	0.	87	0.	86	0.	85	0.
75	0	100.00	89	0.	88	0.	87	0.	86	0.	85	0.
78	91	70.00	89	0.	88	0.	87	0.	86	0.	85	0.
81	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
84	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
87	92	50.00	90	0.	89	0.	88	0.	87	0.	86	0.
90	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
93	94	90.00	90	0.	90	0.	89	0.	88	0.	87	0.
96	93	60.00	91	0.	90	0.	89	0.	88	0.	87	0.
99	93	50.00	91	0.	90	0.	89	0.	88	0.	87	0.
102	93	50.00	91	0.	90	0.	89	0.	88	0.	87	0.

TABLE 1/8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
105	93	40.00	91	10.00	90	0.	89	0.	88	0.	87	0.
108	93	40.00	91	10.00	90	0.	89	0.	88	0.	87	0.
111	93	30.00	91	10.00	90	0.	89	0.	89	0.	88	0.
114	93	30.00	91	10.00	91	0.	90	0.	89	0.	88	0.
117	93	30.00	92	10.00	91	0.	90	0.	89	0.	88	0.
120	93	30.00	92	10.00	91	0.	90	0.	89	0.	88	0.
123	93	30.00	92	10.00	91	0.	90	0.	89	0.	88	0.
126	93	30.00	92	10.00	91	0.	90	0.	89	0.	88	0.
129	93	30.00	92	10.00	91	0.	90	0.	89	0.	88	0.
132	94	40.00	92	10.00	91	0.	90	0.	89	0.	88	0.
135	94	40.00	92	10.00	91	0.	90	0.	89	0.	88	0.
138	94	40.00	92	10.00	91	0.	90	0.	89	0.	88	0.
141	93	30.00	92	10.00	91	0.	90	0.	89	0.	88	0.
144	94	30.00	92	0.	91	0.	90	0.	89	0.	88	0.
147	94	30.00	92	0.	91	0.	90	0.	89	0.	88	0.
150	93	20.00	92	0.	91	0.	90	0.	89	0.	88	0.
153	93	20.00	92	0.	91	0.	90	0.	89	0.	88	0.
156	93	20.00	92	0.	91	0.	90	0.	89	0.	88	0.
159	93	20.00	92	0.	91	0.	90	0.	89	0.	88	0.
162	93	20.00	92	0.	91	0.	90	0.	89	0.	88	0.
165	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
168	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
171	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
174	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
177	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
180	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
183	92	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
186	92	10.00	91	0.	90	0.	89	0.	89	0.	88	0.
189	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
192	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
195	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
198	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
201	91	0.	91	0.	90	0.	89	0.	88	0.	87	0.
204	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.

TABLE 1 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
207	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
210	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
213	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
216	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
219	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
222	91	30.00	89	0.	88	0.	88	0.	87	0.	86	0.
225	92	80.00	89	0.	88	0.	87	0.	86	0.	85	0.
228	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
231	91	40.00	89	0.	88	0.	87	0.	86	0.	85	0.
234	91	40.00	89	0.	88	0.	87	0.	86	0.	85	0.
237	91	40.00	89	0.	88	0.	87	0.	86	0.	85	0.
240	90	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
243	91	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
246	91	30.00	89	0.	88	0.	87	0.	86	0.	86	0.
249	91	40.00	89	0.	88	0.	88	0.	87	0.	86	0.
252	91	40.00	89	0.	89	0.	88	0.	87	0.	86	0.
255	91	40.00	90	0.	89	0.	88	0.	87	0.	86	0.
258	92	50.00	90	0.	89	0.	88	0.	87	0.	86	0.
261	92	50.00	90	0.	89	0.	88	0.	87	0.	86	0.
264	92	50.00	90	0.	89	0.	88	0.	87	0.	86	0.
267	93	70.00	90	10.00	89	0.	88	0.	87	0.	86	0.
270	92	60.00	90	10.00	89	0.	88	0.	87	0.	86	0.
273	92	60.00	90	0.	89	0.	88	0.	87	0.	86	0.
276	92	60.00	90	0.	89	0.	88	0.	87	0.	86	0.
279	91	40.00	89	0.	88	0.	88	0.	87	0.	86	0.
282	91	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
285	90	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
288	0	100.00	89	10.00	88	0.	87	0.	87	0.	86	0.
291	0	100.00	91	50.00	89	0.	88	0.	87	0.	86	0.
294	0	100.00	0	100.00	90	30.00	89	0.	88	0.	87	0.
297	0	100.00	0	100.00	93	90.00	91	40.00	89	0.	88	0.
300	0	100.00	0	100.00	0	100.00	92	70.00	90	30.00	89	0.
303	0	100.00	0	100.00	94	90.00	92	60.00	90	30.00	89	0.
306	0	100.00	0	100.00	93	80.00	91	50.00	90	20.00	88	0.

TABLE 1 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
309	0	100.00	0	100.00	93	70.00	91	50.00	89	20.00	88	0,
312	0	100.00	94	90.00	93	70.00	91	50.00	89	20.00	88	0,
315	0	100.00	94	80.00	92	60.00	91	40.00	89	20.00	88	0,
318	0	100.00	94	80.00	92	60.00	91	40.00	89	20.00	88	0,
321	95	90.00	94	70.00	92	50.00	91	40.00	89	20.00	88	0,
324	96	90.00	94	80.00	93	60.00	91	40.00	90	30.00	88	10,00
327	95	90.00	94	70.00	92	50.00	91	40.00	90	20.00	88	10,00
330	94	70.00	93	60.00	92	40.00	90	30.00	89	10.00	88	0,
333	94	70.00	92	50.00	91	40.00	90	20.00	88	10.00	87	0,
336	93	60.00	92	40.00	90	30.00	89	10.00	88	0,	87	0,
339	93	50.00	91	30.00	90	20.00	89	10.00	88	0,	87	0,
342	92	40.00	91	30.00	90	20.00	88	10.00	87	0,	86	0,
345	92	40.00	91	30.00	89	20.00	88	0,	87	0,	86	0,
348	92	40.00	90	30.00	89	10.00	88	0,	87	0,	86	0,
351	91	40.00	90	20.00	89	10.00	88	0,	87	0,	86	0,
354	91	30.00	90	20.00	89	10.00	88	0,	87	0,	86	0,
357	91	30.00	90	20.00	89	10.00	88	0,	87	0,	86	0,
360	91	30.00	90	20.00	89	10.00	88	0,	87	0,	86	0,
AVERAGE SHIELDING		48.25		22.00		12.92		6.00		2.08		0,17
AVERAGE TARGET CONTACT ANGLE		92		91		90		89		88		87

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 1
SHIELDING OF TARGET AT POSITION A
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	92	70.00	90	20.00	89	10.00	88	0.	87	0.	86	0.
5	92	80.00	90	20.00	89	10.00	88	0.	87	0.	86	0.
7	92	70.00	90	20.00	89	10.00	88	0.	87	0.	86	0.
10	92	70.00	90	20.00	89	10.00	88	0.	87	0.	86	0.
12	0	100.00	90	20.00	89	10.00	88	0.	87	0.	86	0.
15	0	100.00	90	20.00	89	10.00	88	0.	87	0.	86	0.
18	0	100.00	90	20.00	88	10.00	88	0.	87	0.	86	0.
20	0	100.00	89	10.00	88	0.	88	0.	87	0.	86	0.
23	0	100.00	89	10.00	88	0.	88	0.	87	0.	86	0.
25	0	100.00	89	10.00	88	0.	87	0.	86	0.	86	0.
28	90	20.00	89	10.00	88	0.	87	0.	86	0.	85	0.
30	90	20.00	89	10.00	88	0.	87	0.	86	0.	86	0.
33	90	20.00	89	10.00	88	0.	87	0.	87	0.	86	0.
36	91	30.00	90	20.00	89	10.00	88	0.	87	0.	86	0.
38	92	40.00	90	30.00	89	10.00	88	0.	88	0.	87	0.
41	92	50.00	91	40.00	90	20.00	89	10.00	88	0.	87	0.
43	93	60.00	92	40.00	90	30.00	89	10.00	88	0.	88	0.
46	0	100.00	92	50.00	91	30.00	89	10.00	88	0.	88	0.
48	93	60.00	91	40.00	90	30.00	89	10.00	88	0.	87	0.
51	92	60.00	91	40.00	90	20.00	89	0.	88	0.	87	0.
54	93	70.00	91	50.00	90	20.00	89	0.	88	0.	87	0.
56	93	80.00	91	50.00	90	30.00	89	0.	88	0.	87	0.
59	93	90.00	92	60.00	90	30.00	89	0.	88	0.	87	0.
61	0	100.00	92	70.00	90	40.00	89	10.00	88	0.	87	0.
64	0	100.00	0	100.00	91	50.00	89	10.00	88	0.	87	0.
66	0	100.00	92	80.00	90	30.00	89	0.	88	0.	87	0.
69	0	100.00	90	40.00	89	0.	88	0.	87	0.	86	0.
72	92	80.00	89	0.	88	0.	87	0.	87	0.	86	0.
74	89	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
77	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
79	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
82	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
84	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
87	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.

TABLE 1/5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
90	91	30.00	90	0.	89	0.	89	0.	88	0.	87	0.
92	92	40.00	90	0.	90	0.	89	0.	88	0.	87	0.
95	92	40.00	91	0.	90	0.	89	0.	88	0.	87	0.
97	92	40.00	91	0.	90	0.	89	0.	88	0.	88	0.
100	93	40.00	91	0.	90	0.	89	0.	89	0.	88	0.
102	92	30.00	91	10.00	90	0.	89	0.	89	0.	88	0.
105	93	30.00	91	10.00	90	0.	90	0.	89	0.	88	0.
108	93	30.00	91	10.00	91	0.	90	0.	89	0.	88	0.
110	93	30.00	91	10.00	91	0.	90	0.	89	0.	88	0.
113	93	30.00	91	10.00	91	0.	90	0.	89	0.	88	0.
115	93	30.00	92	10.00	91	0.	90	0.	89	0.	88	0.
118	93	30.00	92	10.00	91	0.	90	0.	89	0.	88	0.
120	93	30.00	92	10.00	91	0.	90	0.	89	0.	88	0.
123	93	30.00	92	10.00	91	0.	90	0.	89	0.	88	0.
126	93	30.00	92	10.00	91	0.	90	0.	89	0.	88	0.
128	93	30.00	92	10.00	91	0.	90	0.	89	0.	88	0.
131	93	30.00	92	10.00	91	0.	90	0.	89	0.	89	0.
133	93	30.00	92	10.00	91	0.	90	0.	89	0.	89	0.
136	93	30.00	92	10.00	91	0.	90	0.	89	0.	89	0.
138	93	20.00	92	0.	91	0.	90	0.	89	0.	89	0.
141	93	20.00	92	0.	91	0.	90	0.	89	0.	89	0.
144	93	20.00	92	0.	91	0.	90	0.	89	0.	89	0.
146	93	20.00	92	0.	91	0.	90	0.	89	0.	89	0.
149	93	20.00	92	0.	91	0.	90	0.	89	0.	89	0.
151	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
154	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
156	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
159	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
162	89	10.00	88	0.	87	0.	87	0.	86	0.	85	0.
164	89	10.00	88	0.	87	0.	87	0.	86	0.	85	0.
167	89	20.00	88	0.	87	0.	87	0.	86	0.	85	0.
169	89	20.00	88	0.	87	0.	87	0.	86	0.	85	0.
172	89	20.00	88	0.	87	0.	87	0.	86	0.	85	0.
174	89	20.00	88	0.	87	0.	87	0.	86	0.	85	0.

TABLE 1 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
177	89	20.00	88	0.	87	0.	87	0.	86	0.	85	0.
180	89	20.00	88	0.	87	0.	87	0.	86	0.	85	0.
182	89	20.00	88	0.	87	0.	87	0.	86	0.	85	0.
185	89	20.00	88	0.	87	0.	87	0.	86	0.	85	0.
187	89	20.00	88	0.	87	0.	87	0.	86	0.	85	0.
190	89	20.00	88	0.	87	0.	87	0.	86	0.	85	0.
192	89	20.00	88	0.	87	0.	87	0.	86	0.	85	0.
195	89	10.00	88	0.	87	0.	87	0.	86	0.	85	0.
198	89	10.00	88	0.	87	0.	87	0.	86	0.	85	0.
200	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
203	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
205	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
208	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
210	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
213	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
216	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
218	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
221	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
223	91	40.00	90	0.	89	0.	88	0.	87	0.	86	0.
226	91	50.00	89	0.	89	0.	88	0.	87	0.	86	0.
228	90	29.00	89	0.	88	0.	88	0.	87	0.	86	0.
231	91	30.00	89	0.	88	0.	88	0.	87	0.	86	0.
234	91	30.00	89	0.	88	0.	88	0.	87	0.	86	0.
236	91	30.00	89	0.	89	0.	88	0.	87	0.	86	0.
239	91	30.00	89	0.	89	0.	88	0.	87	0.	86	0.
241	91	30.00	89	0.	89	0.	88	0.	87	0.	86	0.
244	91	30.00	89	0.	89	0.	88	0.	87	0.	86	0.
246	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
249	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
252	91	40.00	90	0.	89	0.	88	0.	87	0.	86	0.
254	92	70.00	90	0.	89	0.	88	0.	87	0.	87	0.
257	93	90.00	90	10.00	89	0.	88	0.	88	0.	87	0.
259	0	100.00	90	10.00	89	0.	88	0.	88	0.	87	0.
262	0	100.00	90	10.00	89	0.	88	0.	88	0.	87	0.

TABLE 1/8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
264	92	50.00	90	10.00	89	0.	88	0.	88	0.	87	0.
267	92	60.00	90	20.00	89	0.	88	0.	88	0.	87	0.
270	92	60.00	90	20.00	89	0.	88	0.	88	0.	87	0.
272	92	50.00	90	10.00	89	0.	88	0.	87	0.	87	0.
275	92	50.00	90	10.00	89	0.	88	0.	87	0.	87	0.
277	91	40.00	90	10.00	89	0.	88	0.	87	0.	86	0.
280	91	30.00	90	10.00	89	0.	88	0.	87	0.	86	0.
282	90	20.00	89	0.	88	0.	88	0.	87	0.	86	0.
285	0	100.00	90	10.00	89	0.	88	0.	87	0.	86	0.
288	0	100.00	91	40.00	89	10.00	89	0.	88	0.	87	0.
290	0	100.00	93	90.00	90	30.00	89	0.	88	0.	88	0.
293	0	100.00	0	100.00	93	80.00	90	30.00	89	0.	88	0.
295	0	100.00	0	100.00	0	100.00	92	60.00	90	20.00	89	0.
298	0	100.00	0	100.00	93	80.00	91	50.00	90	20.00	89	0.
300	0	100.00	0	100.00	93	70.00	91	40.00	90	20.00	89	0.
303	0	100.00	94	90.00	92	70.00	91	40.00	90	20.00	89	0.
306	0	100.00	94	90.00	92	70.00	91	40.00	90	20.00	88	0.
308	0	100.00	94	90.00	92	70.00	91	50.00	90	30.00	89	10.00
311	0	100.00	94	80.00	92	60.00	91	50.00	90	30.00	89	10.00
313	0	100.00	94	80.00	92	60.00	91	40.00	90	30.00	89	10.00
316	95	90.00	93	70.00	92	60.00	91	40.00	90	30.00	89	10.00
318	94	80.00	93	60.00	92	50.00	90	30.00	89	20.00	88	0.
321	93	60.00	92	50.00	91	30.00	89	20.00	88	10.00	88	0.
324	92	50.00	91	40.00	90	30.00	89	10.00	88	0.	87	0.
326	92	40.00	90	30.00	89	20.00	88	0.	87	0.	87	0.
329	91	30.00	90	20.00	89	10.00	88	0.	87	0.	86	0.
331	91	30.00	90	20.00	88	10.00	88	0.	87	0.	86	0.
334	91	30.00	90	20.00	89	10.00	88	0.	87	0.	86	0.
336	0	100.00	90	20.00	89	10.00	88	0.	87	0.	86	0.
339	0	100.00	90	20.00	89	10.00	88	0.	87	0.	86	0.
342	0	100.00	90	20.00	89	10.00	88	0.	87	0.	87	0.
344	0	100.00	90	20.00	89	10.00	88	10.00	87	0.	87	0.
347	0	100.00	90	20.00	89	10.00	88	10.00	87	0.	87	0.
349	0	100.00	90	20.00	89	10.00	88	0.	87	0.	87	0.

TABLE 1 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
352	93	90.00	90	20.00	89	10.00	88	0.	87	0.	87	0.
354	92	80.00	90	20.00	89	10.00	88	0.	87	0.	87	0.
357	92	70.00	90	20.00	89	10.00	88	0.	87	0.	87	0.
360	92	70.00	90	20.00	89	10.00	88	0.	87	0.	86	0.
AVERAGE SHIELDING		48.50		18.93		10.29		4.14		1.79		0.29
AVERAGE TARGET CONTACT ANGLE		91°		90		89		88		88		87

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 1

SHIELDING OF TARGET AT POSITION A

RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	92	60.00	90	20.00	89	10.00	88	10.00	88	0.	87	0.
4	0	100.00	90	20.00	89	10.00	88	10.00	88	0.	87	0.
6	0	100.00	90	20.00	89	10.00	88	10.00	88	0.	87	0.
9	92	70.00	90	20.00	89	10.00	88	0.	88	0.	87	0.
11	91	50.00	90	20.00	89	10.00	88	0.	87	0.	87	0.
13	91	50.00	90	20.00	89	10.00	88	0.	87	0.	87	0.
15	92	70.00	90	20.00	89	10.00	88	0.	87	0.	87	0.
18	92	80.00	90	20.00	89	10.00	88	0.	87	0.	87	0.
20	0	100.00	90	20.00	89	10.00	88	0.	87	0.	87	0.
22	0	100.00	90	20.00	89	10.00	88	0.	87	0.	87	0.
24	0	100.00	90	20.00	89	10.00	88	0.	87	0.	87	0.
27	0	100.00	90	20.00	89	10.00	88	0.	87	0.	87	0.
29	0	100.00	89	20.00	89	10.00	88	0.	87	0.	86	0.
31	0	100.00	89	10.00	89	0.	88	0.	87	0.	86	0.
33	0	100.00	89	10.00	88	0.	88	0.	87	0.	86	0.
36	0	100.00	89	10.00	88	0.	88	0.	87	0.	86	0.
38	0	100.00	89	10.00	88	0.	87	0.	87	0.	86	0.
40	90	20.00	89	10.00	88	0.	87	0.	87	0.	86	0.
42	90	20.00	89	10.00	88	0.	88	0.	87	0.	86	0.
45	91	30.00	90	20.00	89	0.	88	0.	87	0.	87	0.
47	91	40.00	90	20.00	89	10.00	88	0.	88	0.	87	0.
49	92	50.00	91	40.00	90	20.00	89	10.00	88	0.	87	0.
51	92	60.00	91	40.00	90	30.00	89	10.00	88	0.	88	0.
54	0	100.00	91	40.00	90	30.00	89	10.00	88	0.	88	0.
56	92	60.00	91	40.00	90	20.00	89	0.	88	0.	87	0.
58	92	70.00	91	40.00	90	20.00	89	0.	88	0.	87	0.
60	92	70.00	91	50.00	90	30.00	89	0.	88	0.	87	0.
63	92	80.00	91	60.00	90	30.00	89	0.	88	0.	87	0.
65	0	100.00	92	70.00	90	40.00	89	10.00	88	0.	87	0.
67	0	100.00	92	80.00	91	50.00	89	10.00	88	0.	88	0.
69	0	100.00	91	70.00	90	30.00	89	0.	88	0.	87	0.
72	0	100.00	90	20.00	89	0.	88	0.	87	0.	87	0.
74	90	50.00	89	0.	88	0.	87	0.	87	0.	86	0.
76	90	30.00	89	0.	88	0.	87	0.	86	0.	86	0.

TABLE 1 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
78	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
81	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
83	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
85	90	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
87	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
90	91	20.00	90	0.	89	0.	89	0.	88	0.	87	0.
92	92	30.00	91	0.	90	0.	89	0.	88	0.	88	0.
94	92	40.00	91	0.	90	0.	89	0.	89	0.	88	0.
96	92	40.00	91	0.	90	0.	89	0.	89	0.	88	0.
99	92	30.00	91	0.	90	0.	90	0.	89	0.	88	0.
101	92	30.00	91	10.00	90	0.	90	0.	89	0.	88	0.
103	92	30.00	91	10.00	90	0.	90	0.	89	0.	88	0.
105	92	30.00	91	10.00	91	0.	90	0.	89	0.	88	0.
108	92	20.00	91	10.00	91	0.	90	0.	89	0.	88	0.
110	92	20.00	91	10.00	91	0.	90	0.	89	0.	88	0.
112	92	20.00	91	10.00	91	0.	90	0.	89	0.	89	0.
114	92	20.00	91	10.00	91	0.	90	0.	89	0.	89	0.
117	92	20.00	91	10.00	91	0.	90	0.	89	0.	89	0.
119	92	20.00	92	10.00	91	0.	90	0.	89	0.	89	0.
121	92	20.00	92	10.00	91	0.	90	0.	89	0.	89	0.
123	93	20.00	92	10.00	91	0.	90	0.	89	0.	89	0.
126	93	20.00	92	10.00	91	0.	90	0.	89	0.	89	0.
128	93	20.00	92	0.	91	0.	90	0.	89	0.	89	0.
130	93	20.00	92	0.	91	0.	90	0.	90	0.	89	0.
132	93	20.00	92	0.	91	0.	90	0.	90	0.	89	0.
135	93	20.00	92	0.	91	0.	90	0.	90	0.	89	0.
137	93	20.00	92	0.	91	0.	90	0.	90	0.	89	0.
139	91	0.	91	0.	90	0.	89	0.	88	0.	88	0.
141	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
144	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
146	89	10.00	88	0.	88	0.	87	0.	86	0.	86	0.
148	89	20.00	88	0.	88	0.	87	0.	86	0.	86	0.
150	89	20.00	88	0.	88	0.	87	0.	86	0.	86	0.
153	89	20.00	88	0.	88	0.	87	0.	86	0.	86	0.

TABLE 1 (CON,)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
155	89	20.00	88	0.	88	0.	87	0.	86	0.	86	0.
157	89	20.00	88	0.	88	0.	87	0.	86	0.	86	0.
159	89	20.00	88	0.	88	0.	87	0.	86	0.	86	0.
162	89	20.00	88	0.	88	0.	87	0.	86	0.	86	0.
164	89	20.00	88	0.	88	0.	87	0.	86	0.	86	0.
166	89	20.00	88	0.	88	0.	87	0.	86	0.	86	0.
168	89	20.00	88	0.	88	0.	87	0.	86	0.	86	0.
171	89	20.00	88	0.	88	0.	87	0.	86	0.	86	0.
173	89	20.00	88	0.	88	0.	87	0.	86	0.	86	0.
175	89	20.00	88	0.	88	0.	87	0.	86	0.	86	0.
177	89	20.00	88	0.	88	0.	87	0.	86	0.	86	0.
180	89	20.00	88	0.	88	0.	87	0.	86	0.	86	0.
182	89	20.00	88	0.	88	0.	87	0.	86	0.	86	0.
184	89	20.00	88	0.	88	0.	87	0.	86	0.	86	0.
186	89	20.00	88	0.	88	0.	87	0.	86	0.	86	0.
189	89	20.00	88	0.	88	0.	87	0.	86	0.	86	0.
191	89	20.00	88	0.	88	0.	87	0.	86	0.	86	0.
193	89	20.00	88	0.	88	0.	87	0.	86	0.	86	0.
195	89	20.00	88	0.	88	0.	87	0.	86	0.	86	0.
198	89	20.00	88	0.	88	0.	87	0.	86	0.	86	0.
200	89	20.00	88	0.	88	0.	87	0.	86	0.	86	0.
202	89	20.00	88	0.	88	0.	87	0.	86	0.	86	0.
204	89	20.00	88	0.	88	0.	87	0.	86	0.	86	0.
207	89	20.00	88	0.	88	0.	87	0.	86	0.	86	0.
209	89	20.00	88	0.	88	0.	87	0.	86	0.	86	0.
211	89	20.00	88	0.	88	0.	87	0.	86	0.	86	0.
213	89	10.00	88	0.	88	0.	87	0.	86	0.	86	0.
216	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
218	89	0.	89	0.	88	0.	87	0.	86	0.	86	0.
220	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
222	91	30.00	90	0.	89	0.	88	0.	88	0.	87	0.
225	91	40.00	90	0.	89	0.	88	0.	88	0.	87	0.
227	92	70.00	90	0.	89	0.	88	0.	88	0.	87	0.
229	0	100.00	90	0.	89	0.	88	0.	87	0.	87	0.

TABLE 1/8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
231	0	100.00	89	0.	89	0.	88	0.	87	0.	87	0.
234	0	100.00	89	0.	89	0.	88	0.	87	0.	87	0.
236	90	20.00	89	0.	89	0.	88	0.	87	0.	87	0.
238	90	20.00	89	0.	89	0.	88	0.	87	0.	87	0.
240	91	30.00	90	0.	89	0.	88	0.	87	0.	87	0.
243	91	40.00	90	0.	89	0.	88	0.	88	0.	87	0.
245	91	50.00	90	0.	89	0.	88	0.	88	0.	87	0.
247	91	50.00	90	0.	89	0.	88	0.	88	0.	87	0.
249	92	90.00	90	10.00	89	0.	89	0.	88	0.	87	0.
252	0	100.00	90	10.00	89	0.	89	0.	88	0.	87	0.
254	0	100.00	90	20.00	90	0.	89	0.	88	0.	87	0.
256	0	100.00	91	20.00	90	0.	89	0.	88	0.	87	0.
258	93	90.00	91	20.00	90	0.	89	0.	88	0.	88	0.
261	93	90.00	91	30.00	90	0.	89	0.	88	0.	88	0.
263	0	100.00	91	30.00	90	0.	89	0.	88	0.	88	0.
265	93	90.00	91	30.00	90	0.	89	0.	88	0.	88	0.
267	92	50.00	90	20.00	90	0.	89	0.	88	0.	87	0.
270	92	50.00	90	20.00	89	0.	89	0.	88	0.	87	0.
272	92	50.00	90	20.00	89	0.	89	0.	88	0.	87	0.
274	92	50.00	90	10.00	89	0.	89	0.	88	0.	87	0.
276	91	40.00	90	10.00	89	0.	88	0.	88	0.	87	0.
279	91	30.00	90	10.00	89	0.	88	0.	88	0.	87	0.
281	91	30.00	89	0.	89	0.	88	0.	87	0.	87	0.
283	0	100.00	90	10.00	89	0.	88	0.	87	0.	87	0.
285	0	100.00	91	40.00	89	10.00	89	0.	88	0.	87	0.
288	0	100.00	92	80.00	90	30.00	89	10.00	89	0.	88	0.
290	0	100.00	0	100.00	92	70.00	90	30.00	89	10.00	89	0.
292	0	100.00	0	100.00	93	90.00	91	50.00	90	20.00	89	0.
294	0	100.00	0	100.00	93	80.00	91	50.00	90	20.00	89	0.
297	0	100.00	0	100.00	92	70.00	91	40.00	90	20.00	89	0.
299	0	100.00	93	90.00	92	60.00	91	40.00	90	20.00	89	0.
301	0	100.00	93	80.00	92	60.00	91	40.00	90	20.00	89	0.
303	0	100.00	93	80.00	92	60.00	91	40.00	90	20.00	89	10.00
306	0	100.00	93	80.00	92	60.00	91	50.00	90	30.00	89	10.00

TABLE 1 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
308	0	100.00	93	80.00	92	70.00	91	50.00	90	30.00	89	20.00
310	94	80.00	93	70.00	92	50.00	91	40.00	90	30.00	89	10.00
312	93	70.00	92	50.00	91	40.00	90	30.00	89	10.00	88	0.
315	92	50.00	91	40.00	90	30.00	89	20.00	88	0.	87	0.
317	92	50.00	90	30.00	89	20.00	89	10.00	88	0.	87	0.
319	91	40.00	90	20.00	89	10.00	88	0.	87	0.	87	0.
321	90	30.00	89	20.00	89	10.00	88	0.	87	0.	86	0.
324	91	70.00	90	20.00	89	10.00	88	0.	87	0.	86	0.
326	91	70.00	90	20.00	89	10.00	88	0.	87	0.	86	0.
328	91	70.00	90	20.00	89	10.00	88	0.	87	0.	86	0.
330	90	30.00	90	20.00	89	10.00	88	0.	87	0.	86	0.
333	91	50.00	90	20.00	89	10.00	88	0.	87	0.	87	0.
335	91	40.00	90	20.00	89	10.00	88	0.	87	0.	87	0.
337	91	50.00	90	20.00	89	10.00	88	0.	88	0.	87	0.
339	91	50.00	90	20.00	89	10.00	88	10.00	88	0.	87	0.
342	92	60.00	90	20.00	89	20.00	88	10.00	88	0.	87	0.
344	92	60.00	90	30.00	89	20.00	89	10.00	88	0.	87	0.
346	92	70.00	90	30.00	90	20.00	89	10.00	88	0.	87	0.
348	92	70.00	90	30.00	89	20.00	89	10.00	88	0.	87	0.
351	92	50.00	90	30.00	89	20.00	89	10.00	88	0.	87	0.
353	92	50.00	90	30.00	89	20.00	89	10.00	88	0.	87	0.
355	91	40.00	90	20.00	89	20.00	88	10.00	88	0.	87	0.
357	91	40.00	90	20.00	89	20.00	88	10.00	88	0.	87	0.
360	91	40.00	90	20.00	89	20.00	88	10.00	88	0.	87	0.
AVERAGE SHIELDING		49.06		17.81		9.50		4.25		1.44		0.81
AVERAGE TARGET CONTACT ANGLE		91		90		89		88		88		87

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

2

SITE-1

TABLE 3

SHIELDING OF TARGET AT POSITION B
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
18	88	0.	83	0.	77	0.	72	0.	67	0.	62	0.
36	89	0.	84	0.	78	0.	73	0.	68	0.	63	0.
54	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
72	91	0.	86	0.	80	0.	74	0.	69	0.	64	0.
90	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
108	93	0.	87	0.	81	0.	76	0.	70	0.	66	0.
126	92	0.	86	0.	80	0.	75	0.	70	0.	65	0.
144	92	0.	87	0.	81	0.	75	0.	70	0.	65	0.
162	92	0.	87	0.	81	0.	76	0.	70	0.	65	0.
180	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
198	92	0.	87	0.	81	0.	76	0.	70	0.	65	0.
216	92	0.	86	0.	81	0.	75	0.	70	0.	65	0.
234	92	0.	86	0.	80	0.	75	0.	70	0.	65	0.
252	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
270	90	0.	85	0.	79	0.	74	0.	68	0.	64	0.
288	90	0.	84	0.	78	0.	73	0.	68	0.	63	0.
306	89	0.	84	0.	78	0.	73	0.	68	0.	63	0.
324	89	0.	83	0.	77	0.	72	0.	67	0.	62	0.
342	88	0.	83	0.	77	0.	72	0.	67	0.	62	0.
360	88	0.	82	0.	77	0.	72	0.	67	0.	62	0.
AVERAGE SHIELDING		0.		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		85		79		74		69		64

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 2
SHIELDING OF TARGET AT POSITION B
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
9	0	100.00	87	0.	84	0.	81	0.	78	0.	76	0.
18	0	100.00	86	0.	84	0.	81	0.	78	0.	75	0.
27	91	40.00	86	0.	83	0.	80	0.	77	0.	74	0.
36	88	0.	85	0.	82	0.	80	0.	77	0.	74	0.
45	88	0.	85	0.	83	0.	80	0.	77	0.	74	0.
54	89	0.	86	0.	83	0.	80	0.	77	0.	75	0.
63	89	0.	87	0.	84	0.	81	0.	78	0.	75	0.
72	90	0.	87	0.	84	0.	82	0.	79	0.	76	0.
81	90	0.	88	0.	85	0.	82	0.	79	0.	76	0.
90	91	0.	88	0.	85	0.	82	0.	80	0.	77	0.
99	91	0.	89	0.	86	0.	83	0.	80	0.	77	0.
108	91	0.	89	0.	86	0.	83	0.	80	0.	77	0.
117	92	10.00	89	0.	86	0.	83	0.	80	0.	78	0.
126	93	20.00	89	0.	86	0.	83	0.	81	0.	78	0.
135	92	10.00	89	0.	86	0.	84	0.	81	0.	78	0.
144	93	20.00	89	0.	86	0.	84	0.	81	0.	78	0.
153	92	0.	89	0.	86	0.	83	0.	81	0.	78	0.
162	92	0.	89	0.	86	0.	84	0.	81	0.	78	0.
171	92	0.	89	0.	86	0.	84	0.	81	0.	78	0.
180	92	0.	89	0.	86	0.	83	0.	81	0.	78	0.
189	92	0.	89	0.	86	0.	83	0.	81	0.	78	0.
198	92	0.	89	0.	86	0.	83	0.	81	0.	78	0.
207	92	0.	89	0.	86	0.	83	0.	80	0.	78	0.
216	91	0.	89	0.	86	0.	83	0.	80	0.	77	0.
225	91	0.	88	0.	85	0.	83	0.	80	0.	77	0.
234	91	0.	88	0.	85	0.	82	0.	80	0.	77	0.
243	91	0.	88	0.	85	0.	82	0.	79	0.	76	0.
252	90	0.	87	0.	85	0.	82	0.	79	0.	76	0.
261	90	0.	87	0.	84	0.	81	0.	79	0.	76	0.
270	90	0.	87	0.	84	0.	81	0.	78	0.	75	0.
279	89	0.	86	0.	84	0.	81	0.	78	0.	75	0.
288	89	0.	86	0.	83	0.	81	0.	78	0.	75	0.
297	89	0.	86	0.	83	0.	80	0.	78	0.	75	0.
306	89	0.	86	0.	83	0.	80	0.	77	0.	75	0.

TABLE 3 (CON,)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
315	88	0.	85	0.	83	0.	80	0.	77	0.	74	0.
324	88	0.	85	0.	82	0.	80	0.	77	0.	74	0.
333	93	60.00	86	0.	83	0.	80	0.	77	0.	75	0.
342	0	100.00	87	0.	84	0.	81	0.	78	0.	75	0.
351	0	100.00	87	0.	84	0.	81	0.	79	0.	76	0.
360	0	100.00	87	0.	84	0.	82	0.	79	0.	76	0.
AVERAGE SHIELDING		16.50		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		87		85		82		79		76

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 2

SHIELDING OF TARGET AT POSITION B
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
6	0	100.00	0	100.00	95	80.00	91	40.00	88	0.	86	0.
12	0	100.00	0	100.00	95	80.00	90	30.00	87	0.	85	0.
18	0	100.00	0	100.00	94	70.00	89	20.00	87	0.	85	0.
24	0	100.00	0	100.00	92	50.00	88	10.00	86	0.	84	0.
30	0	100.00	95	80.00	89	20.00	87	0.	85	0.	83	0.
36	0	100.00	93	70.00	88	0.	86	0.	84	0.	82	0.
42	0	100.00	90	30.00	87	0.	85	0.	83	0.	81	0.
48	0	100.00	88	0.	86	0.	84	0.	82	0.	80	0.
54	93	80.00	87	0.	85	0.	83	0.	81	0.	79	0.
60	88	0.	86	0.	85	0.	83	0.	81	0.	79	0.
66	89	0.	87	0.	85	0.	83	0.	81	0.	79	0.
72	89	0.	87	0.	85	0.	84	0.	82	0.	80	0.
78	90	0.	88	0.	86	0.	84	0.	82	0.	80	0.
84	90	0.	88	0.	86	0.	84	0.	83	0.	81	0.
90	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
96	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
102	92	20.00	89	0.	88	0.	86	0.	84	0.	82	0.
108	93	30.00	90	0.	88	0.	86	0.	84	0.	82	0.
114	95	50.00	90	0.	89	0.	87	0.	85	0.	83	0.
120	96	60.00	91	0.	89	0.	87	0.	85	0.	83	0.
126	95	40.00	91	0.	89	0.	87	0.	85	0.	83	0.
132	94	30.00	91	0.	89	0.	87	0.	85	0.	83	0.
138	94	30.00	91	0.	89	0.	87	0.	85	0.	83	0.
144	95	40.00	91	0.	89	0.	87	0.	85	0.	83	0.
150	94	40.00	91	0.	89	0.	87	0.	85	0.	83	0.
156	95	50.00	91	0.	89	0.	87	0.	85	0.	83	0.
162	94	30.00	91	0.	89	0.	87	0.	85	0.	83	0.
168	94	30.00	91	0.	89	0.	87	0.	85	0.	83	0.
174	94	30.00	91	0.	89	0.	87	0.	85	0.	83	0.
180	95	40.00	91	0.	89	0.	87	0.	85	0.	83	0.
186	95	40.00	91	0.	89	0.	87	0.	85	0.	83	0.
192	96	60.00	91	0.	89	0.	87	0.	86	0.	84	0.
198	97	80.00	91	0.	89	0.	87	0.	85	0.	84	0.
204	95	50.00	91	0.	89	0.	87	0.	85	0.	83	0.

TABLE 2 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
210	94	40.00	90	0,	89	0.	87	0,	85	0.	83	0,
216	94	50.00	90	0,	88	0.	86	0.	84	0.	82	0,
222	95	70.00	90	0,	88	0,	86	0,	84	0.	82	0,
228	91	0.	89	0,	87	0,	85	0,	83	0.	81	0,
234	91	0.	89	0,	87	0,	85	0,	83	0.	81	0,
240	90	0.	88	0.	86	0.	85	0.	83	0.	81	0,
246	90	0.	88	0,	86	0.	84	0,	83	0.	81	0,
252	90	0.	88	0,	86	0.	84	0,	82	0.	80	0,
258	90	0.	88	0,	86	0.	84	0,	82	0.	80	0,
264	90	0.	88	0,	86	0.	84	0,	82	0.	80	0,
270	89	0.	87	0,	86	0.	84	0,	82	0.	80	0,
276	89	0.	87	0,	85	0.	84	0,	82	0.	80	0,
282	89	0.	87	0,	85	0.	83	0,	82	0.	80	0,
288	89	0.	87	0.	85	0.	83	0.	81	0.	80	0,
294	89	10.00	87	0,	85	0.	83	0,	81	0.	79	0,
300	89	0.	87	0,	85	0.	83	0,	81	0.	79	0,
306	0	100.00	87	0.	85	0.	83	0,	81	0.	80	0,
312	0	100.00	88	10.00	86	0.	84	0,	83	0.	81	0,
318	0	100.00	91	50.00	87	0.	85	0,	83	0.	82	0,
324	0	100.00	95	90.00	89	20.00	87	0,	85	0.	83	0,
330	0	100.00	0	100.00	91	40.00	88	0,	86	0.	84	0,
336	0	100.00	0	100.00	94	70.00	89	20.00	87	0.	85	0,
342	0	100.00	0	100.00	95	80.00	90	30.00	87	0.	85	0,
348	0	100.00	0	100.00	96	90.00	91	40.00	88	0.	86	0,
354	0	100.00	0	100.00	96	80.00	91	40.00	88	0.	86	0,
360	0	100.00	0	100.00	96	90.00	91	40.00	88	0.	86	0,
AVERAGE SHIELDING		46.67		22.17		12.83		4.50		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		89		88		86		84		82

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 2

SHIELDING OF TARGET AT POSITION B
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
4	0	100.00	94	70.00	92	40.00	89	20.00	87	0.	86	0.
9	97	90.00	94	70.00	92	40.00	89	20.00	87	0.	86	0.
13	96	90.00	94	70.00	92	40.00	89	20.00	87	0.	86	0.
18	0	100.00	94	70.00	91	40.00	89	20.00	87	0.	86	0.
22	0	100.00	94	70.00	91	40.00	89	10.00	87	0.	86	0.
27	0	100.00	95	80.00	91	40.00	89	20.00	87	0.	86	0.
31	0	100.00	95	80.00	91	40.00	89	10.00	87	0.	86	0.
36	0	100.00	0	100.00	93	60.00	89	20.00	88	0.	86	0.
40	0	100.00	0	100.00	93	70.00	90	30.00	88	0.	86	0.
45	0	100.00	0	100.00	92	60.00	88	10.00	87	0.	86	0.
49	0	100.00	93	80.00	90	30.00	87	0.	86	0.	85	0.
54	0	100.00	91	60.00	88	0.	86	0.	85	0.	84	0.
58	0	100.00	88	10.00	87	0.	86	0.	84	0.	83	0.
63	0	100.00	88	0.	86	0.	85	0.	83	0.	82	0.
67	91	60.00	88	0.	86	0.	85	0.	83	0.	82	0.
72	91	40.00	88	0.	86	0.	85	0.	84	0.	82	0.
76	90	10.00	88	0.	87	0.	85	0.	84	0.	83	0.
81	91	20.00	89	0.	87	0.	86	0.	85	0.	83	0.
85	92	30.00	89	0.	88	0.	86	0.	85	0.	84	0.
90	92	30.00	90	0.	88	0.	87	0.	85	0.	84	0.
94	93	50.00	90	0.	89	0.	87	0.	86	0.	84	0.
99	93	40.00	90	0.	89	0.	87	0.	86	0.	85	0.
103	94	50.00	91	0.	89	0.	88	0.	86	0.	85	0.
108	93	30.00	91	0.	89	0.	88	0.	87	0.	85	0.
112	94	40.00	91	0.	90	0.	88	0.	87	0.	86	0.
117	94	40.00	91	0.	90	0.	89	0.	87	0.	86	0.
121	94	30.00	92	10.00	90	0.	89	0.	87	0.	86	0.
126	94	30.00	92	10.00	90	0.	89	0.	87	0.	86	0.
130	94	30.00	92	10.00	90	0.	89	0.	88	0.	86	0.
135	94	30.00	92	10.00	90	0.	89	0.	88	0.	86	0.
139	94	30.00	92	0.	90	0.	89	0.	88	0.	86	0.
144	94	30.00	92	0.	90	0.	89	0.	88	0.	86	0.
148	94	30.00	92	0.	90	0.	89	0.	87	0.	86	0.
153	94	40.00	92	0.	90	0.	89	0.	87	0.	86	0.

TABLE 2 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
157	94	40.00	92	0.	90	0.	89	0.	87	0.	86	0.
162	94	40.00	92	0.	90	0.	89	0.	87	0.	86	0.
166	94	30.00	92	0.	90	0.	89	0.	87	0.	86	0.
171	93	20.00	92	0.	90	0.	89	0.	87	0.	86	0.
175	93	20.00	91	0.	90	0.	89	0.	87	0.	86	0.
180	93	20.00	91	0.	90	0.	89	0.	87	0.	86	0.
184	93	20.00	91	0.	90	0.	89	0.	87	0.	86	0.
189	94	30.00	91	0.	90	0.	88	0.	87	0.	86	0.
193	94	30.00	91	0.	90	0.	88	0.	87	0.	86	0.
198	93	30.00	91	0.	90	0.	88	0.	87	0.	85	0.
202	93	20.00	91	0.	89	0.	88	0.	87	0.	85	0.
207	92	10.00	90	0.	89	0.	88	0.	86	0.	85	0.
211	91	0.	90	0.	89	0.	87	0.	86	0.	84	0.
216	91	0.	90	0.	88	0.	87	0.	85	0.	84	0.
220	91	0.	89	0.	88	0.	86	0.	85	0.	84	0.
225	90	0.	89	0.	88	0.	86	0.	85	0.	83	0.
229	90	0.	89	0.	87	0.	86	0.	85	0.	83	0.
234	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
238	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
243	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
247	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
252	90	0.	88	0.	87	0.	86	0.	84	0.	83	0.
256	90	0.	88	0.	87	0.	85	0.	84	0.	83	0.
261	90	20.00	88	0.	87	0.	85	0.	84	0.	83	0.
265	90	10.00	88	0.	87	0.	85	0.	84	0.	82	0.
270	89	10.00	88	0.	87	0.	85	0.	84	0.	82	0.
274	89	10.00	88	0.	87	0.	85	0.	84	0.	82	0.
279	90	20.00	88	0.	86	0.	85	0.	84	0.	82	0.
283	90	20.00	88	0.	86	0.	85	0.	84	0.	82	0.
288	90	20.00	88	0.	86	0.	85	0.	83	0.	82	0.
292	89	10.00	87	0.	86	0.	85	0.	83	0.	82	0.
297	0	100.00	88	0.	87	0.	85	0.	84	0.	82	0.
301	0	100.00	91	50.00	88	0.	86	0.	85	0.	83	0.
306	0	100.00	93	90.00	89	20.00	87	0.	86	0.	84	0.

TABLE 2 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
310	0	100.00	0	100.00	92	60.00	88	10.00	87	0.	85	0.
315	0	100.00	0	100.00	94	90.00	91	40.00	88	0.	87	0.
319	0	100.00	0	100.00	0	100.00	92	60.00	89	20.00	87	0.
324	0	100.00	0	100.00	94	80.00	92	50.00	89	20.00	87	0.
328	0	100.00	0	100.00	93	60.00	90	30.00	88	10.00	87	0.
333	0	100.00	96	90.00	93	60.00	90	30.00	88	0.	87	0.
337	0	100.00	95	80.00	92	50.00	90	30.00	88	0.	86	0.
342	0	100.00	95	80.00	92	50.00	90	30.00	88	0.	86	0.
346	0	100.00	95	70.00	92	50.00	90	30.00	88	0.	86	0.
351	0	100.00	95	70.00	92	50.00	90	20.00	88	0.	86	0.
355	0	100.00	94	70.00	92	50.00	89	20.00	88	0.	86	0.
360	0	100.00	94	70.00	92	50.00	89	20.00	88	0.	86	0.
AVERAGE SHIELDING		50.00		27.12		15.87		6.37		0.62		0.
AVERAGE TARGET CONTACT ANGLE		92		91		89		88		86		85

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

2

TABLE 3
SHIELDING OF TARGET AT POSITION B
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	95	80.00	94	60.00	92	40.00	90	30.00	88	10.00	87	0,
7	95	80.00	94	60.00	92	40.00	90	30.00	88	10.00	87	0,
10	95	80.00	94	60.00	92	40.00	90	30.00	88	10.00	87	0,
14	0	100.00	94	60.00	92	40.00	90	30.00	88	10.00	87	0,
18	0	100.00	93	60.00	92	40.00	90	20.00	88	10.00	87	0,
21	94	70.00	93	60.00	91	40.00	89	20.00	88	0.	87	0,
25	94	70.00	92	50.00	91	40.00	89	20.00	88	0.	87	0,
28	95	80.00	92	50.00	91	30.00	89	10.00	88	0.	86	0,
32	94	80.00	92	50.00	90	30.00	89	10.00	87	0.	86	0,
36	94	80.00	93	60.00	90	30.00	89	10.00	87	0.	86	0,
39	95	90.00	93	60.00	90	30.00	89	10.00	87	0.	86	0,
43	0	100.00	93	70.00	91	40.00	89	10.00	87	0.	86	0,
46	0	100.00	93	80.00	91	40.00	89	10.00	87	0.	86	0,
50	0	100.00	0	100.00	92	60.00	89	20.00	88	0.	87	0,
54	0	100.00	0	100.00	92	60.00	89	20.00	88	0.	86	0,
57	0	100.00	93	80.00	90	30.00	88	0.	87	0.	86	0,
61	0	100.00	91	70.00	88	0.	87	0.	86	0.	85	0,
64	0	100.00	89	20.00	88	0.	86	0.	85	0.	84	0,
68	0	100.00	88	0.	87	0.	86	0.	85	0.	84	0,
72	0	100.00	88	0.	87	0.	86	0.	85	0.	84	0,
75	92	80.00	88	0.	87	0.	86	0.	85	0.	84	0,
79	90	0.	89	0.	88	0.	86	0.	85	0.	84	0,
82	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0,
86	92	40.00	90	0.	89	0.	88	0.	86	0.	85	0,
90	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0,
93	94	70.00	90	0.	89	0.	88	0.	87	0.	86	0,
97	93	40.00	91	0.	90	0.	88	0.	87	0.	86	0,
100	93	40.00	91	0.	90	0.	89	0.	88	0.	86	0,
104	93	40.00	91	0.	90	0.	89	0.	88	0.	86	0,
108	93	30.00	91	0.	90	0.	89	0.	88	0.	87	0,
111	93	30.00	91	0.	90	0.	89	0.	88	0.	87	0,
115	93	30.00	92	10.00	90	0.	89	0.	88	0.	87	0,
118	93	20.00	92	10.00	91	0.	89	0.	88	0.	87	0,
122	93	20.00	92	10.00	91	0.	89	0.	88	0.	87	0,

TABLE 2 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
126	93	20.00	92	10.00	91	0.	90	0.	88	0.	87	0.
129	93	20.00	92	10.00	91	0.	90	0.	88	0.	87	0.
133	93	20.00	92	10.00	91	0.	90	0.	89	0.	87	0.
136	93	20.00	92	10.00	91	0.	90	0.	89	0.	87	0.
140	94	20.00	92	10.00	91	0.	90	0.	89	0.	87	0.
144	94	30.00	92	10.00	91	0.	90	0.	89	0.	88	0.
147	94	30.00	92	10.00	91	0.	90	0.	89	0.	87	0.
151	94	30.00	92	10.00	91	0.	90	0.	89	0.	87	0.
154	94	30.00	92	10.00	91	0.	90	0.	89	0.	87	0.
158	94	30.00	92	0.	91	0.	90	0.	89	0.	87	0.
162	94	30.00	92	0.	91	0.	90	0.	89	0.	88	0.
165	94	30.00	92	0.	91	0.	90	0.	89	0.	87	0.
169	94	30.00	92	0.	91	0.	90	0.	89	0.	87	0.
172	94	30.00	92	0.	91	0.	90	0.	89	0.	87	0.
176	93	20.00	92	0.	91	0.	90	0.	88	0.	87	0.
180	93	20.00	92	0.	91	0.	90	0.	88	0.	87	0.
183	93	20.00	92	0.	91	0.	89	0.	88	0.	87	0.
187	93	20.00	92	0.	90	0.	89	0.	88	0.	87	0.
190	93	20.00	92	0.	90	0.	89	0.	88	0.	87	0.
194	93	20.00	91	0.	90	0.	89	0.	88	0.	87	0.
198	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
201	92	10.00	91	0.	90	0.	89	0.	87	0.	86	0.
205	92	10.00	91	0.	90	0.	88	0.	87	0.	86	0.
208	92	0.	90	0.	89	0.	88	0.	87	0.	86	0.
212	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
216	93	50.00	90	0.	89	0.	88	0.	87	0.	86	0.
219	0	100.00	90	0.	89	0.	87	0.	86	0.	85	0.
223	91	40.00	89	0.	88	0.	87	0.	86	0.	85	0.
226	90	0.	89	0.	88	0.	87	0.	86	0.	84	0.
230	90	0.	89	0.	88	0.	87	0.	85	0.	84	0.
234	90	0.	89	0.	88	0.	87	0.	85	0.	84	0.
237	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
241	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
244	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.

TABLE 2 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
248	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
252	90	0.	89	0.	87	0.	86	0.	85	0.	84	0.
255	90	0.	89	0.	87	0.	86	0.	85	0.	84	0.
259	90	20.00	89	0.	87	0.	86	0.	85	0.	84	0.
262	90	20.00	89	0.	87	0.	86	0.	85	0.	84	0.
266	91	50.00	89	0.	87	0.	86	0.	85	0.	84	0.
270	92	70.00	89	0.	87	0.	86	0.	85	0.	84	0.
273	90	30.00	88	0.	87	0.	86	0.	85	0.	84	0.
277	92	70.00	88	0.	87	0.	86	0.	85	0.	84	0.
280	91	50.00	88	0.	87	0.	86	0.	85	0.	84	0.
284	91	60.00	88	0.	87	0.	86	0.	85	0.	84	0.
288	90	40.00	88	0.	87	0.	86	0.	85	0.	84	0.
291	0	100.00	89	10.00	88	0.	87	0.	86	0.	84	0.
295	0	100.00	92	80.00	88	0.	87	0.	86	0.	85	0.
298	0	100.00	0	100.00	91	50.00	88	0.	87	0.	86	0.
302	0	100.00	0	100.00	93	90.00	90	40.00	88	0.	87	0.
306	0	100.00	0	100.00	0	100.00	92	70.00	90	30.00	88	0.
309	0	100.00	0	100.00	0	100.00	92	60.00	90	30.00	88	0.
313	0	100.00	0	100.00	93	80.00	91	50.00	89	10.00	88	0.
316	0	100.00	95	90.00	92	60.00	91	40.00	88	10.00	87	0.
320	0	100.00	94	80.00	92	60.00	90	30.00	88	10.00	87	0.
324	0	100.00	94	80.00	92	50.00	90	30.00	88	10.00	87	0.
327	96	90.00	94	70.00	92	50.00	90	30.00	88	10.00	87	0.
331	96	90.00	94	70.00	92	50.00	90	30.00	88	10.00	87	0.
334	96	90.00	94	70.00	92	50.00	90	30.00	88	10.00	87	0.
338	95	80.00	94	70.00	92	50.00	90	30.00	88	10.00	87	0.
342	0	100.00	94	70.00	92	50.00	90	30.00	89	20.00	88	0.
345	0	100.00	94	70.00	92	50.00	91	30.00	89	20.00	88	0.
349	96	90.00	94	70.00	92	50.00	91	30.00	89	20.00	88	0.
352	96	80.00	94	60.00	92	50.00	91	30.00	89	20.00	88	0.
356	96	80.00	94	70.00	92	50.00	90	30.00	89	20.00	88	0.
360	96	80.00	94	60.00	92	50.00	90	30.00	89	20.00	87	0.
AVERAGE SHIELDING		53.80		27.90		17.30		9.00		3.10		0.
AVERAGE TARGET CONTACT ANGLE		93		91		90		89		87		86

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 2

SHIELDING OF TARGET AT POSITION B
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** @ CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	91	30.00	89	20.00	88	10.00	87	0.	86	0.	85	0.
6	90	30.00	89	20.00	88	10.00	87	0.	86	0.	85	0.
9	91	30.00	89	20.00	88	10.00	87	0.	86	0.	85	0.
12	91	30.00	89	20.00	88	10.00	87	0.	86	0.	85	0.
15	91	30.00	90	20.00	88	10.00	87	0.	86	0.	85	0.
18	91	40.00	90	20.00	88	10.00	88	0.	87	0.	86	0.
21	91	40.00	90	30.00	89	10.00	88	0.	87	0.	86	0.
24	92	50.00	91	30.00	89	20.00	88	10.00	87	0.	86	0.
27	92	50.00	91	40.00	90	20.00	88	10.00	87	0.	86	0.
30	93	60.00	91	40.00	90	30.00	89	10.00	88	0.	87	0.
33	94	70.00	92	50.00	91	30.00	89	20.00	88	0.	87	0.
36	0	100.00	92	60.00	91	40.00	89	20.00	88	0.	87	0.
39	93	70.00	92	50.00	90	30.00	89	20.00	88	0.	87	0.
42	93	70.00	92	50.00	90	30.00	89	10.00	88	0.	87	0.
45	93	70.00	92	50.00	90	30.00	89	10.00	88	0.	87	0.
48	93	80.00	92	60.00	90	30.00	89	10.00	88	0.	87	0.
51	94	90.00	92	60.00	90	40.00	89	10.00	88	0.	87	0.
54	0	100.00	92	70.00	90	40.00	89	10.00	88	0.	87	0.
57	0	100.00	93	90.00	91	50.00	89	20.00	88	0.	87	0.
60	0	100.00	0	100.00	91	60.00	89	20.00	88	0.	87	0.
63	0	100.00	92	80.00	90	40.00	88	0.	87	0.	86	0.
66	0	100.00	90	40.00	88	0.	87	0.	87	0.	86	0.
69	0	100.00	89	0.	88	0.	87	0.	86	0.	85	0.
72	90	40.00	88	0.	87	0.	86	0.	85	0.	85	0.
75	89	0.	88	0.	87	0.	86	0.	85	0.	85	0.
78	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
81	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
84	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
87	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
90	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
93	92	30.00	90	0.	90	0.	89	0.	88	0.	87	0.
96	92	30.00	91	0.	90	0.	89	0.	88	0.	87	0.
99	93	30.00	91	0.	90	0.	89	0.	88	0.	87	0.
102	93	30.00	91	0.	90	0.	89	0.	88	0.	87	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
105	93	30.00	91	0.	90	0.	89	0.	88	0.	87	0.
108	93	20.00	91	0.	90	0.	89	0.	89	0.	88	0.
111	93	20.00	91	10.00	91	0.	90	0.	89	0.	88	0.
114	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
117	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
120	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
123	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
126	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
129	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
132	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
135	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
138	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
141	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
144	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
147	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
150	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
153	93	20.00	92	0.	91	0.	90	0.	89	0.	88	0.
156	93	20.00	92	0.	91	0.	90	0.	89	0.	88	0.
159	93	20.00	92	0.	91	0.	90	0.	89	0.	88	0.
162	93	20.00	92	0.	91	0.	90	0.	89	0.	88	0.
165	93	20.00	92	0.	91	0.	90	0.	89	0.	88	0.
168	93	20.00	92	0.	91	0.	90	0.	89	0.	88	0.
171	93	20.00	92	0.	91	0.	90	0.	89	0.	88	0.
174	93	20.00	92	0.	91	0.	90	0.	89	0.	88	0.
177	93	20.00	92	0.	91	0.	90	0.	89	0.	88	0.
180	93	20.00	92	0.	91	0.	90	0.	89	0.	88	0.
183	93	20.00	92	0.	91	0.	90	0.	89	0.	88	0.
186	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
189	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
192	92	10.00	91	0.	90	0.	89	0.	89	0.	88	0.
195	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
198	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
201	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
204	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
207	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
210	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
213	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
216	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
219	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
222	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
225	91	40.00	89	0.	89	0.	88	0.	87	0.	86	0.
228	90	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
231	90	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
234	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
237	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
240	90	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
243	90	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
246	91	40.00	89	0.	88	0.	87	0.	86	0.	85	0.
249	91	50.00	89	0.	88	0.	87	0.	86	0.	85	0.
252	91	50.00	89	0.	88	0.	87	0.	86	0.	85	0.
255	91	60.00	89	0.	88	0.	87	0.	86	0.	85	0.
258	92	70.00	89	0.	88	0.	87	0.	86	0.	85	0.
261	91	60.00	89	0.	88	0.	87	0.	86	0.	85	0.
264	92	70.00	89	0.	88	0.	87	0.	86	0.	85	0.
267	92	90.00	89	0.	88	0.	87	0.	86	0.	85	0.
270	92	90.00	89	0.	88	0.	87	0.	86	0.	85	0.
273	92	80.00	89	0.	88	0.	87	0.	86	0.	85	0.
276	92	70.00	89	0.	88	0.	87	0.	86	0.	85	0.
279	91	60.00	89	0.	88	0.	87	0.	86	0.	85	0.
282	91	40.00	89	0.	88	0.	87	0.	86	0.	85	0.
285	90	40.00	89	0.	88	0.	87	0.	86	0.	85	0.
288	0	100.00	89	10.00	88	0.	87	0.	86	0.	85	0.
291	0	100.00	92	70.00	89	0.	88	0.	87	0.	86	0.
294	0	100.00	0	100.00	91	50.00	89	0.	88	0.	87	0.
297	0	100.00	0	100.00	0	100.00	91	60.00	89	10.00	88	0.
300	0	100.00	0	100.00	0	100.00	93	90.00	91	50.00	88	10.00
303	0	100.00	0	100.00	0	100.00	92	60.00	90	30.00	88	0.
306	0	100.00	0	100.00	93	80.00	91	50.00	89	20.00	88	0.

TABLE 2 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
309	0	100.00	0	100.00	92	70.00	91	50.00	89	20.00	88	0.
312	0	100.00	94	90.00	92	60.00	91	40.00	89	20.00	88	0.
315	0	100.00	94	80.00	92	60.00	91	40.00	89	20.00	88	0.
318	95	90.00	93	70.00	92	50.00	91	40.00	89	20.00	88	0.
321	95	90.00	93	70.00	92	50.00	90	30.00	89	20.00	88	0.
324	0	100.00	94	70.00	92	60.00	91	40.00	89	20.00	88	10.00
327	95	90.00	94	70.00	92	50.00	91	30.00	89	20.00	88	10.00
330	94	70.00	93	60.00	91	40.00	90	30.00	89	10.00	88	0.
333	93	60.00	92	50.00	91	40.00	89	20.00	88	10.00	87	0.
336	93	60.00	91	40.00	90	30.00	89	10.00	88	0.	87	0.
339	92	50.00	91	40.00	90	20.00	88	10.00	87	0.	86	0.
342	92	40.00	91	30.00	89	20.00	88	10.00	87	0.	86	0.
345	92	40.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
348	91	40.00	90	30.00	89	20.00	88	0.	87	0.	86	0.
351	91	40.00	90	30.00	89	10.00	88	0.	87	0.	86	0.
354	91	40.00	90	20.00	88	10.00	87	0.	86	0.	85	0.
357	91	30.00	90	20.00	88	10.00	87	0.	86	0.	85	0.
360	91	30.00	89	20.00	88	10.00	87	0.	86	0.	85	0.
AVERAGE SHIELDING		44.00		22.17		13.50		6.67		2.25		0.25
AVERAGE TARGET CONTACT ANGLE		92		91		90		89		88		87

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 2
SHIELDING OF TARGET AT POSITION B
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	92	90.00	90	20.00	89	10.00	88	0.	87	0.	86	0.
5	0	100.00	90	20.00	89	10.00	88	0.	87	0.	86	0.
7	0	100.00	90	20.00	88	10.00	88	0.	87	0.	86	0.
10	0	100.00	90	20.00	88	10.00	88	0.	87	0.	86	0.
12	0	100.00	89	20.00	88	10.00	88	0.	87	0.	86	0.
15	0	100.00	89	20.00	88	10.00	87	0.	87	0.	86	0.
18	0	100.00	89	20.00	88	10.00	87	0.	87	0.	86	0.
20	0	100.00	89	20.00	88	10.00	87	0.	87	0.	86	0.
23	0	100.00	89	10.00	88	0.	87	0.	86	0.	86	0.
25	0	100.00	89	10.00	88	0.	87	0.	86	0.	85	0.
28	90	20.00	89	10.00	88	0.	87	0.	86	0.	85	0.
30	90	20.00	89	10.00	88	0.	87	0.	86	0.	85	0.
33	90	30.00	89	20.00	88	0.	87	0.	86	0.	86	0.
36	91	40.00	90	20.00	89	10.00	88	0.	87	0.	86	0.
38	91	40.00	90	30.00	89	20.00	88	0.	87	0.	86	0.
41	92	50.00	91	40.00	90	20.00	89	10.00	88	0.	87	0.
43	93	70.00	92	50.00	90	30.00	89	20.00	88	0.	87	0.
46	0	100.00	92	50.00	91	40.00	89	20.00	88	0.	87	0.
48	93	70.00	91	50.00	90	30.00	89	20.00	88	0.	87	0.
51	93	70.00	91	50.00	90	30.00	89	10.00	88	0.	87	0.
54	93	80.00	91	50.00	90	30.00	89	10.00	88	0.	87	0.
56	93	80.00	91	60.00	90	30.00	89	10.00	88	0.	87	0.
59	93	90.00	92	70.00	90	40.00	89	10.00	88	0.	87	0.
61	0	100.00	92	80.00	90	50.00	89	20.00	88	0.	87	0.
64	0	100.00	92	80.00	91	50.00	89	20.00	88	0.	87	0.
66	0	100.00	91	60.00	89	20.00	88	0.	88	0.	87	0.
69	0	100.00	89	20.00	88	0.	88	0.	87	0.	86	0.
72	91	80.00	89	0.	88	0.	87	0.	86	0.	85	0.
74	89	20.00	88	0.	88	0.	87	0.	86	0.	85	0.
77	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
79	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
82	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
84	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
87	90	10.00	90	0.	89	0.	88	0.	87	0.	86	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARSET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
90	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
92	92	20.00	91	0.	90	0.	89	0.	88	0.	87	0.
95	92	30.00	91	0.	90	0.	89	0.	88	0.	88	0.
97	92	30.00	91	0.	90	0.	89	0.	89	0.	88	0.
100	92	20.00	91	0.	90	0.	89	0.	89	0.	38	0.
102	92	20.00	91	0.	90	0.	90	0.	89	0.	88	0.
105	92	20.00	91	0.	90	0.	90	0.	89	0.	88	0.
108	92	20.00	91	0.	91	0.	90	0.	89	0.	88	0.
110	92	20.00	91	0.	91	0.	90	0.	89	0.	88	0.
113	93	20.00	91	10.00	91	0.	90	0.	89	0.	88	0.
115	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
118	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
120	92	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
123	92	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
126	93	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
128	93	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
131	93	10.00	92	0.	91	0.	90	0.	89	0.	89	0.
133	93	10.00	92	0.	91	0.	90	0.	89	0.	89	0.
136	93	10.00	92	0.	91	0.	90	0.	89	0.	89	0.
138	93	10.00	92	0.	91	0.	90	0.	89	0.	89	0.
141	93	10.00	92	0.	91	0.	90	0.	89	0.	89	0.
144	93	10.00	92	0.	91	0.	90	0.	89	0.	89	0.
146	93	10.00	92	0.	91	0.	90	0.	89	0.	89	0.
149	93	10.00	92	0.	91	0.	90	0.	89	0.	89	0.
151	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
154	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
156	89	0.	88	0.	87	0.	86	0.	86	0.	85	0.
159	89	0.	88	0.	87	0.	86	0.	86	0.	85	0.
162	89	10.00	88	0.	87	0.	86	0.	86	0.	85	0.
164	89	10.00	88	0.	87	0.	86	0.	86	0.	85	0.
167	89	20.00	88	0.	87	0.	86	0.	86	0.	85	0.
169	89	20.00	88	0.	87	0.	86	0.	86	0.	85	0.
172	89	20.00	88	0.	87	0.	86	0.	86	0.	85	0.
174	89	20.00	88	0.	87	0.	86	0.	86	0.	85	0.

TABLE 2 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
177	89	20.00	88	0.	87	0.	86	0.	86	0.	85	0.
180	89	20.00	88	0.	87	0.	86	0.	86	0.	85	0.
182	89	20.00	88	0.	87	0.	86	0.	86	0.	85	0.
185	89	20.00	88	0.	87	0.	86	0.	86	0.	85	0.
187	89	20.00	88	0.	87	0.	86	0.	86	0.	85	0.
190	89	20.00	88	0.	87	0.	86	0.	86	0.	85	0.
192	89	20.00	88	0.	87	0.	86	0.	86	0.	85	0.
195	89	10.00	88	0.	87	0.	86	0.	86	0.	85	0.
198	89	10.00	88	0.	87	0.	86	0.	86	0.	85	0.
200	89	0.	88	0.	87	0.	86	0.	86	0.	85	0.
203	89	0.	88	0.	87	0.	86	0.	86	0.	85	0.
205	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
208	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
210	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
213	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
216	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
218	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
221	90	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
223	90	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
226	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
228	91	40.00	89	0.	89	0.	88	0.	87	0.	86	0.
231	92	80.00	89	0.	88	0.	88	0.	87	0.	86	0.
234	92	90.00	89	0.	88	0.	87	0.	87	0.	86	0.
236	91	40.00	89	0.	88	0.	87	0.	87	0.	86	0.
239	91	50.00	89	0.	88	0.	87	0.	87	0.	86	0.
241	91	50.00	89	0.	88	0.	87	0.	87	0.	86	0.
244	91	40.00	89	0.	88	0.	88	0.	87	0.	86	0.
246	91	40.00	89	0.	88	0.	88	0.	87	0.	86	0.
249	91	50.00	89	0.	88	0.	88	0.	87	0.	86	0.
252	91	50.00	89	0.	89	0.	88	0.	87	0.	86	0.
254	91	60.00	89	0.	89	0.	88	0.	87	0.	86	0.
257	91	60.00	89	0.	89	0.	88	0.	87	0.	86	0.
259	92	70.00	89	0.	89	0.	88	0.	87	0.	86	0.
262	92	70.00	90	0.	89	0.	88	0.	87	0.	86	0.

TABLE 2 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
264	92	70.00	90	10.00	89	0.	88	0.	87	0.	86	0.
267	0	100.00	90	20.00	89	0.	88	0.	87	0.	86	0.
270	92	80.00	90	20.00	89	0.	88	0.	87	0.	86	0.
272	92	80.00	90	10.00	89	0.	88	0.	87	0.	86	0.
275	92	80.00	89	10.00	89	0.	88	0.	87	0.	86	0.
277	91	60.00	89	10.00	89	0.	88	0.	87	0.	86	0.
280	91	50.00	89	10.00	88	0.	88	0.	87	0.	86	0.
282	90	30.00	89	0.	88	0.	87	0.	87	0.	86	0.
285	0	100.00	89	10.00	88	0.	88	0.	87	0.	86	0.
288	0	100.00	91	60.00	89	10.00	88	0.	87	0.	87	0.
290	0	100.00	0	100.00	91	50.00	89	10.00	88	0.	87	0.
293	0	100.00	0	100.00	0	100.00	91	50.00	89	10.00	88	0.
295	0	100.00	0	100.00	0	100.00	92	80.00	90	50.00	89	10.00
298	0	100.00	0	100.00	0	100.00	92	70.00	90	40.00	89	10.00
300	0	100.00	0	100.00	93	90.00	91	60.00	90	30.00	88	0.
303	0	100.00	0	100.00	92	70.00	91	50.00	89	20.00	88	0.
306	0	100.00	93	90.00	92	70.00	91	40.00	89	20.00	88	0.
308	0	100.00	93	80.00	92	60.00	91	40.00	89	20.00	88	0.
311	0	100.00	93	80.00	92	60.00	91	40.00	90	30.00	88	10.00
313	0	100.00	94	80.00	92	60.00	91	40.00	90	30.00	89	10.00
316	95	90.00	93	70.00	92	60.00	91	40.00	90	30.00	89	10.00
318	94	80.00	93	60.00	91	50.00	90	30.00	89	20.00	88	0.
321	93	60.00	92	50.00	90	30.00	89	20.00	88	10.00	87	0.
324	92	50.00	91	40.00	90	30.00	89	10.00	88	0.	87	0.
326	91	40.00	90	30.00	89	20.00	88	10.00	87	0.	87	0.
329	91	40.00	90	20.00	89	10.00	88	0.	87	0.	86	0.
331	91	40.00	90	20.00	89	10.00	88	0.	87	0.	86	0.
334	91	50.00	90	30.00	89	10.00	88	0.	87	0.	86	0.
336	0	100.00	90	20.00	89	10.00	88	0.	87	0.	86	0.
339	0	100.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
342	0	100.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
344	0	100.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
347	0	100.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
349	92	70.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.

TABLE 2 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
352	92	80.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
354	92	80.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
357	92	90.00	90	20.00	89	10.00	88	0.	87	0.	86	0.
360	92	90.00	90	20.00	89	10.00	88	10.00	87	0.	86	0.
AVERAGE SHIELDING		48.86		19.14		11.71		5.86		2.21		0.36
AVERAGE TARGET CONTACT ANGLE		91		90		89		88		87		87

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 3

SHIELDING OF TARGET AT POSITION B
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	0	100.00	90	30.00	89	20.00	88	10.00	87	0.	87	0.
4	92	90.00	90	20.00	89	20.00	88	10.00	87	0.	87	0.
6	91	60.00	90	20.00	89	20.00	88	10.00	87	0.	87	0.
9	92	90.00	90	20.00	89	20.00	88	10.00	87	0.	87	0.
11	92	90.00	90	20.00	89	20.00	88	10.00	87	0.	87	0.
13	0	100.00	90	20.00	89	20.00	88	10.00	87	0.	87	0.
15	0	100.00	90	20.00	89	20.00	88	10.00	87	0.	87	0.
18	0	100.00	90	20.00	89	20.00	88	10.00	87	0.	87	0.
20	0	100.00	90	20.00	89	10.00	88	10.00	87	0.	87	0.
22	0	100.00	90	20.00	89	10.00	88	0.	87	0.	87	0.
24	0	100.00	90	30.00	89	10.00	88	0.	87	0.	87	0.
27	0	100.00	90	20.00	89	10.00	88	0.	87	0.	87	0.
29	0	100.00	90	20.00	89	10.00	88	0.	87	0.	86	0.
31	0	100.00	89	20.00	89	10.00	88	0.	87	0.	86	0.
33	0	100.00	89	20.00	88	10.00	88	0.	87	0.	86	0.
36	0	100.00	89	20.00	88	10.00	88	0.	87	0.	86	0.
38	0	100.00	89	20.00	88	10.00	87	0.	87	0.	86	0.
40	90	20.00	89	10.00	88	0.	87	0.	87	0.	86	0.
42	90	30.00	89	20.00	88	0.	88	0.	87	0.	86	0.
45	91	40.00	90	20.00	89	10.00	88	0.	87	0.	86	0.
47	91	50.00	90	30.00	89	20.00	88	0.	88	0.	87	0.
49	92	60.00	91	40.00	90	30.00	89	10.00	88	0.	87	0.
51	93	80.00	91	50.00	90	40.00	89	20.00	88	0.	88	0.
54	0	100.00	91	50.00	90	30.00	89	20.00	88	0.	87	0.
56	92	70.00	91	50.00	90	30.00	89	10.00	88	0.	87	0.
58	92	70.00	91	50.00	90	30.00	89	10.00	88	0.	87	0.
60	92	80.00	91	60.00	90	30.00	88	10.00	88	0.	87	0.
63	92	80.00	91	60.00	90	30.00	89	10.00	88	0.	87	0.
65	92	90.00	91	60.00	90	30.00	89	10.00	88	0.	87	0.
67	0	100.00	92	70.00	90	30.00	89	10.00	88	0.	87	0.
69	0	100.00	91	50.00	89	10.00	88	0.	88	0.	87	0.
72	0	100.00	89	0.	88	0.	88	0.	87	0.	86	0.
74	0	100.00	89	0.	88	0.	87	0.	87	0.	86	0.
76	91	80.00	89	0.	88	0.	87	0.	86	0.	86	0.

TABLE 3/2 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
78	90	40.00	89	0.	88	0.	87	0.	87	0.	86	0.
81	90	30.00	89	0.	88	0.	88	0.	87	0.	86	0.
83	90	10.00	89	0.	89	0.	88	0.	87	0.	87	0.
85	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
87	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
90	91	10.00	90	0.	89	0.	89	0.	88	0.	87	0.
92	91	20.00	90	0.	90	0.	89	0.	88	0.	88	0.
94	92	20.00	91	0.	90	0.	89	0.	88	0.	88	0.
96	92	20.00	91	0.	90	0.	89	0.	89	0.	88	0.
99	92	20.00	91	0.	90	0.	90	0.	89	0.	88	0.
101	92	20.00	91	0.	90	0.	90	0.	89	0.	88	0.
103	92	20.00	91	0.	91	0.	90	0.	89	0.	88	0.
105	92	20.00	91	0.	91	0.	90	0.	89	0.	88	0.
108	92	20.00	91	0.	91	0.	90	0.	89	0.	88	0.
110	92	10.00	91	0.	91	0.	90	0.	89	0.	89	0.
112	92	10.00	91	0.	91	0.	90	0.	89	0.	89	0.
114	92	10.00	91	0.	91	0.	90	0.	89	0.	89	0.
117	92	10.00	91	0.	91	0.	90	0.	89	0.	89	0.
119	92	10.00	91	0.	91	0.	90	0.	89	0.	89	0.
121	92	10.00	92	0.	91	0.	90	0.	89	0.	89	0.
123	92	10.00	92	0.	91	0.	90	0.	89	0.	89	0.
126	92	10.00	92	0.	91	0.	90	0.	89	0.	89	0.
128	92	10.00	92	0.	91	0.	90	0.	89	0.	89	0.
130	92	10.00	92	0.	91	0.	90	0.	90	0.	89	0.
132	92	10.00	92	0.	91	0.	90	0.	90	0.	89	0.
135	92	10.00	92	0.	91	0.	90	0.	90	0.	89	0.
137	92	10.00	92	0.	91	0.	90	0.	90	0.	89	0.
139	91	0.	90	0.	90	0.	89	0.	88	0.	88	0.
141	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
144	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
146	89	10.00	88	0.	88	0.	87	0.	86	0.	85	0.
148	89	20.00	88	0.	88	0.	87	0.	86	0.	85	0.
150	89	20.00	88	0.	88	0.	87	0.	86	0.	85	0.
153	89	20.00	88	0.	88	0.	87	0.	86	0.	85	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
155	89	20.00	88	0.	88	0.	87	0.	86	0.	85	0.
157	89	20.00	88	0.	88	0.	87	0.	86	0.	85	0.
159	89	20.00	88	0.	88	0.	87	0.	86	0.	85	0.
162	89	20.00	88	0.	88	0.	87	0.	86	0.	85	0.
164	89	20.00	88	0.	88	0.	87	0.	86	0.	85	0.
166	89	30.00	88	0.	88	0.	87	0.	86	0.	85	0.
168	89	30.00	88	0.	88	0.	87	0.	86	0.	85	0.
171	89	30.00	88	0.	88	0.	87	0.	86	0.	85	0.
173	89	30.00	88	0.	88	0.	87	0.	86	0.	85	0.
175	89	30.00	88	0.	88	0.	87	0.	86	0.	85	0.
177	89	30.00	88	0.	88	0.	87	0.	86	0.	85	0.
180	89	30.00	88	0.	88	0.	87	0.	86	0.	85	0.
182	89	30.00	88	0.	88	0.	87	0.	86	0.	85	0.
184	89	30.00	88	0.	88	0.	87	0.	86	0.	85	0.
186	89	30.00	88	0.	88	0.	87	0.	86	0.	85	0.
189	89	30.00	88	0.	88	0.	87	0.	86	0.	85	0.
191	89	30.00	88	0.	88	0.	87	0.	86	0.	85	0.
193	89	30.00	88	0.	88	0.	87	0.	86	0.	85	0.
195	89	20.00	88	0.	88	0.	87	0.	86	0.	85	0.
198	89	20.00	88	0.	88	0.	87	0.	86	0.	85	0.
200	89	20.00	88	0.	88	0.	87	0.	86	0.	85	0.
202	89	20.00	88	0.	88	0.	87	0.	86	0.	85	0.
204	89	20.00	88	0.	88	0.	87	0.	86	0.	85	0.
207	89	20.00	88	0.	88	0.	87	0.	86	0.	85	0.
209	89	20.00	88	0.	88	0.	87	0.	86	0.	85	0.
211	89	20.00	88	0.	88	0.	87	0.	86	0.	85	0.
213	89	10.00	88	0.	88	0.	87	0.	86	0.	85	0.
216	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
218	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
220	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
222	90	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
225	90	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
227	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
229	91	40.00	90	0.	89	0.	88	0.	87	0.	87	0.

TABLE 2 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
231	91	70.00	89	0.	89	0.	88	0.	87	0.	87	0.
234	90	20.00	89	0.	88	0.	88	0.	87	0.	86	0.
236	90	20.00	89	0.	88	0.	88	0.	87	0.	86	0.
238	90	30.00	89	0.	88	0.	88	0.	87	0.	86	0.
240	91	40.00	89	0.	89	0.	88	0.	87	0.	86	0.
243	91	40.00	89	0.	89	0.	88	0.	87	0.	86	0.
245	91	40.00	89	0.	89	0.	88	0.	87	0.	86	0.
247	91	40.00	89	0.	89	0.	88	0.	87	0.	87	0.
249	91	50.00	89	0.	89	0.	88	0.	87	0.	87	0.
252	92	80.00	90	0.	89	0.	88	0.	87	0.	87	0.
254	92	80.00	90	0.	89	0.	88	0.	87	0.	87	0.
256	92	90.00	90	10.00	89	0.	88	0.	88	0.	87	0.
258	0	100.00	90	20.00	89	0.	88	0.	88	0.	87	0.
261	0	100.00	90	20.00	89	0.	88	0.	88	0.	87	0.
263	0	100.00	90	20.00	89	0.	88	0.	88	0.	87	0.
265	92	70.00	90	20.00	89	0.	88	0.	88	0.	87	0.
267	92	80.00	90	30.00	89	0.	89	0.	88	0.	87	0.
270	92	80.00	90	30.00	89	0.	88	0.	88	0.	87	0.
272	92	70.00	90	20.00	89	0.	88	0.	88	0.	87	0.
274	92	70.00	90	20.00	89	0.	88	0.	88	0.	87	0.
276	91	60.00	90	20.00	89	0.	88	0.	87	0.	87	0.
279	91	50.00	89	10.00	89	0.	88	0.	87	0.	87	0.
281	90	30.00	89	10.00	88	0.	88	0.	87	0.	86	0.
283	0	100.00	89	10.00	89	0.	88	0.	87	0.	87	0.
285	0	100.00	91	50.00	89	10.00	89	0.	88	0.	87	0.
288	0	100.00	0	100.00	90	40.00	89	10.00	88	0.	88	0.
290	0	100.00	0	100.00	92	90.00	90	40.00	89	10.00	88	0.
292	0	100.00	0	100.00	0	100.00	92	70.00	90	30.00	89	10.00
294	0	100.00	0	100.00	0	100.00	91	70.00	90	40.00	89	10.00
297	0	100.00	0	100.00	92	90.00	91	60.00	90	30.00	89	10.00
299	0	100.00	0	100.00	92	80.00	91	60.00	90	30.00	89	10.00
301	0	100.00	93	90.00	92	70.00	91	50.00	90	30.00	89	10.00
303	0	100.00	93	80.00	92	60.00	91	50.00	90	30.00	89	10.00
306	0	100.00	93	80.00	92	70.00	91	50.00	90	30.00	89	10.00

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
308	0	100.00	93	80.00	92	70.00	91	50.00	90	30.00	89	20.00
310	94	80.00	93	70.00	92	50.00	91	40.00	90	30.00	88	10.00
312	93	70.00	92	50.00	91	40.00	90	30.00	89	10.00	88	0.
315	92	50.00	91	40.00	90	30.00	89	20.00	88	0.	87	0.
317	91	40.00	90	30.00	89	20.00	88	10.00	88	0.	87	0.
319	91	40.00	90	20.00	89	10.00	88	0.	87	0.	86	0.
321	90	30.00	89	20.00	88	10.00	88	0.	87	0.	86	0.
324	90	30.00	89	20.00	88	10.00	88	0.	87	0.	86	0.
326	90	30.00	90	20.00	89	10.00	88	0.	87	0.	86	0.
328	91	30.00	90	20.00	89	10.00	88	0.	87	0.	87	0.
330	91	40.00	90	30.00	89	20.00	88	10.00	87	0.	87	0.
333	92	70.00	90	30.00	89	20.00	88	10.00	87	0.	87	0.
335	92	80.00	90	30.00	89	20.00	88	10.00	88	0.	87	0.
337	0	100.00	90	30.00	89	20.00	88	10.00	88	0.	87	0.
339	92	80.00	90	30.00	89	20.00	88	10.00	88	0.	87	0.
342	92	80.00	90	30.00	89	20.00	88	10.00	88	0.	87	0.
344	92	60.00	90	30.00	89	20.00	88	10.00	88	0.	87	0.
346	92	60.00	90	30.00	89	20.00	88	10.00	88	0.	87	0.
348	91	50.00	90	30.00	89	20.00	88	10.00	88	0.	87	0.
351	91	50.00	90	30.00	89	20.00	88	10.00	88	0.	87	0.
353	91	50.00	90	30.00	89	20.00	88	10.00	88	0.	87	0.
355	92	90.00	90	30.00	89	20.00	88	10.00	88	0.	87	0.
357	0	100.00	90	30.00	89	20.00	88	10.00	88	0.	87	0.
360	0	100.00	90	30.00	89	20.00	88	10.00	88	0.	87	0.
AVERAGE SHIELDING		50.75		18.19		11.37		5.94		1.87		0.62
AVERAGE TARGET CONTACT ANGLE		91		90		89		88		88		87

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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SITE-1

TABLE 3

SHIELDING OF TARGET AT POSITION C
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
18	88	0.	82	0.	77	0.	71	0.	66	0.	62	0.
36	89	0.	84	0.	78	0.	73	0.	68	0.	63	0.
54	90	0.	84	0.	79	0.	73	0.	68	0.	63	0.
72	90	0.	85	0.	79	0.	74	0.	69	0.	64	0.
90	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
108	92	0.	87	0.	81	0.	75	0.	70	0.	65	0.
126	92	0.	86	0.	81	0.	75	0.	70	0.	65	0.
144	92	10.00	87	0.	81	0.	76	0.	70	0.	65	0.
162	92	0.	87	0.	81	0.	75	0.	70	0.	65	0.
180	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
198	92	0.	86	0.	80	0.	75	0.	70	0.	65	0.
216	91	0.	86	0.	80	0.	74	0.	69	0.	64	0.
234	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
252	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
270	90	0.	85	0.	79	0.	73	0.	68	0.	64	0.
288	90	0.	84	0.	78	0.	73	0.	68	0.	63	0.
306	90	0.	84	0.	78	0.	73	0.	68	0.	63	0.
324	88	0.	83	0.	77	0.	72	0.	67	0.	62	0.
342	88	0.	82	0.	76	0.	71	0.	66	0.	61	0.
360	87	0.	82	0.	76	0.	71	0.	66	0.	61	0.
AVERAGE SHIELDING		0.50		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		85		79		74		68		63

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 3

SHIELDING OF TARGET AT POSITION C
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
9	0	100.00	86	0.	84	0.	81	0.	78	0.	75	0.
18	0	100.00	86	0.	83	0.	80	0.	77	0.	75	0.
27	92	60.00	85	0.	82	0.	79	0.	77	0.	74	0.
36	87	0.	84	0.	82	0.	79	0.	76	0.	73	0.
45	88	0.	85	0.	82	0.	79	0.	76	0.	74	0.
54	88	0.	85	0.	82	0.	80	0.	77	0.	74	0.
63	89	0.	86	0.	83	0.	80	0.	78	0.	75	0.
72	89	0.	87	0.	84	0.	81	0.	78	0.	75	0.
81	90	0.	87	0.	84	0.	82	0.	79	0.	76	0.
90	91	0.	88	0.	85	0.	82	0.	79	0.	76	0.
99	91	0.	88	0.	86	0.	83	0.	80	0.	77	0.
108	92	10.00	89	0.	86	0.	83	0.	80	0.	78	0.
117	93	20.00	89	0.	87	0.	84	0.	81	0.	78	0.
126	96	40.00	90	0.	87	0.	84	0.	82	0.	79	0.
135	95	30.00	90	0.	88	0.	85	0.	82	0.	79	0.
144	96	40.00	91	0.	88	0.	85	0.	82	0.	79	0.
153	94	20.00	90	0.	88	0.	85	0.	82	0.	79	0.
162	94	20.00	90	0.	87	0.	84	0.	82	0.	79	0.
171	92	10.00	90	0.	87	0.	84	0.	81	0.	78	0.
180	92	10.00	89	0.	86	0.	83	0.	80	0.	78	0.
189	92	0.	89	0.	86	0.	83	0.	80	0.	78	0.
198	92	0.	89	0.	86	0.	83	0.	80	0.	77	0.
207	91	0.	89	0.	86	0.	83	0.	80	0.	77	0.
216	91	0.	88	0.	85	0.	83	0.	80	0.	77	0.
225	91	0.	88	0.	85	0.	82	0.	80	0.	77	0.
234	91	0.	88	0.	85	0.	82	0.	79	0.	77	0.
243	90	0.	88	0.	85	0.	82	0.	79	0.	76	0.
252	90	0.	87	0.	84	0.	82	0.	79	0.	76	0.
261	90	0.	87	0.	84	0.	81	0.	78	0.	76	0.
270	89	0.	87	0.	84	0.	81	0.	78	0.	75	0.
279	89	0.	86	0.	83	0.	81	0.	78	0.	75	0.
288	89	0.	86	0.	83	0.	80	0.	78	0.	75	0.
297	88	0.	86	0.	83	0.	80	0.	77	0.	74	0.
306	88	0.	85	0.	82	0.	80	0.	77	0.	74	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
315	88	0.	85	0.	82	0.	79	0.	77	0.	74	0.
324	88	10.00	85	0.	82	0.	79	0.	76	0.	74	0.
333	91	50.00	85	0.	82	0.	80	0.	77	0.	74	0.
342	0	100.00	86	0.	83	0.	80	0.	78	0.	75	0.
351	0	100.00	86	0.	84	0.	81	0.	78	0.	75	0.
360	0	100.00	87	0.	84	0.	81	0.	78	0.	76	0.
AVERAGE SHIELDING		20.50		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		87		84		82		79		76

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 3

SHIELDING OF TARGET AT POSITION C
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
6	0	100.00	0	100.00	95	80.00	91	40.00	87	0.	85	0.
12	0	100.00	0	100.00	95	80.00	90	30.00	87	0.	85	0.
18	0	100.00	0	100.00	94	70.00	89	20.00	86	0.	84	0.
24	0	100.00	0	100.00	92	60.00	88	10.00	86	0.	84	0.
30	0	100.00	95	90.00	89	30.00	86	0.	84	0.	83	0.
36	0	100.00	93	70.00	87	10.00	86	0.	84	0.	82	0.
42	0	100.00	90	40.00	86	0.	84	0.	83	0.	81	0.
48	0	100.00	87	0.	85	0.	84	0.	82	0.	80	0.
54	93	90.00	87	0.	85	0.	83	0.	81	0.	79	0.
60	91	50.00	87	0.	85	0.	83	0.	81	0.	79	0.
66	89	10.00	87	0.	85	0.	83	0.	81	0.	79	0.
72	89	10.00	88	0.	86	0.	84	0.	82	0.	80	0.
78	90	10.00	88	0.	86	0.	84	0.	83	0.	81	0.
84	91	20.00	89	0.	87	0.	85	0.	83	0.	81	0.
90	92	20.00	89	0.	87	0.	85	0.	84	0.	82	0.
96	93	40.00	90	0.	88	0.	86	0.	84	0.	82	0.
102	93	30.00	90	0.	88	0.	86	0.	84	0.	83	0.
108	94	40.00	91	0.	89	0.	87	0.	85	0.	83	0.
114	94	30.00	91	0.	89	0.	87	0.	85	0.	83	0.
120	94	30.00	91	0.	89	0.	88	0.	86	0.	84	0.
126	95	30.00	92	0.	90	0.	88	0.	86	0.	84	0.
132	95	30.00	92	0.	90	0.	88	0.	86	0.	84	0.
138	94	20.00	92	0.	90	0.	88	0.	86	0.	84	0.
144	94	20.00	92	0.	90	0.	88	0.	86	0.	84	0.
150	94	20.00	92	0.	90	0.	88	0.	86	0.	84	0.
156	94	20.00	92	0.	90	0.	88	0.	86	0.	84	0.
162	94	30.00	91	0.	90	0.	88	0.	86	0.	84	0.
168	94	30.00	91	0.	89	0.	87	0.	86	0.	84	0.
174	95	40.00	91	0.	89	0.	87	0.	85	0.	83	0.
180	94	30.00	91	0.	89	0.	87	0.	85	0.	83	0.
186	94	30.00	91	0.	89	0.	87	0.	85	0.	83	0.
192	94	30.00	91	0.	89	0.	87	0.	85	0.	83	0.
198	95	50.00	91	0.	89	0.	87	0.	85	0.	83	0.
204	96	70.00	91	0.	89	0.	87	0.	85	0.	83	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
210	95	60.00	90	0.	88	0.	86	0.	84	0.	82	0.
216	95	70.00	90	0.	88	0.	86	0.	84	0.	82	0.
222	0	100.00	90	0.	88	0.	86	0.	85	0.	83	0.
228	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
234	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
240	90	0.	88	0.	87	0.	85	0.	83	0.	81	0.
246	90	0.	88	0.	86	0.	84	0.	82	0.	81	0.
252	90	0.	88	0.	86	0.	84	0.	82	0.	80	0.
258	90	0.	88	0.	86	0.	84	0.	82	0.	80	0.
264	89	0.	88	0.	86	0.	84	0.	82	0.	80	0.
270	89	0.	87	0.	85	0.	84	0.	82	0.	80	0.
276	89	0.	87	0.	85	0.	83	0.	81	0.	80	0.
282	89	0.	87	0.	85	0.	83	0.	81	0.	79	0.
288	89	0.	87	0.	85	0.	83	0.	81	0.	79	0.
294	89	10.00	87	0.	85	0.	83	0.	81	0.	79	0.
300	88	0.	86	0.	84	0.	83	0.	81	0.	79	0.
306	0	100.00	87	0.	85	0.	83	0.	81	0.	79	0.
312	0	100.00	88	0.	86	0.	84	0.	82	0.	80	0.
318	0	100.00	91	50.00	87	0.	85	0.	83	0.	81	0.
324	0	100.00	95	90.00	89	20.00	86	0.	84	0.	82	0.
330	0	100.00	0	100.00	91	40.00	87	0.	85	0.	83	0.
336	0	100.00	0	100.00	94	70.00	89	20.00	86	0.	84	0.
342	0	100.00	0	100.00	95	80.00	90	30.00	87	0.	85	0.
348	0	100.00	0	100.00	95	80.00	91	40.00	87	0.	85	0.
354	0	100.00	0	100.00	95	80.00	91	40.00	87	0.	85	0.
360	0	100.00	0	100.00	96	90.00	91	40.00	87	0.	85	0.
AVERAGE SHIELDING		47.83		22.33		13.17		4.50		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		90		88		86		84		82

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE V

SHIELDING OF TARGET AT POSITION C
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
4	0	100.00	94	70.00	92	50.00	89	20.00	87	0.	86	0.
9	0	100.00	94	70.00	92	50.00	89	20.00	87	0.	86	0.
13	0	100.00	94	70.00	91	40.00	89	20.00	87	0.	85	0.
18	0	100.00	94	70.00	91	40.00	89	20.00	87	0.	85	0.
22	0	100.00	94	70.00	91	50.00	89	20.00	87	0.	85	0.
27	0	100.00	94	80.00	91	50.00	89	20.00	87	0.	85	0.
31	0	100.00	94	80.00	91	50.00	89	20.00	87	0.	85	0.
36	0	100.00	0	100.00	93	70.00	89	30.00	87	0.	86	0.
40	0	100.00	0	100.00	93	70.00	89	30.00	87	0.	86	0.
45	0	100.00	0	100.00	91	60.00	88	20.00	86	0.	85	0.
49	0	100.00	93	90.00	89	30.00	87	0.	86	0.	84	0.
54	0	100.00	91	60.00	88	0.	86	0.	85	0.	83	0.
58	0	100.00	88	10.00	87	0.	85	0.	84	0.	82	0.
63	93	90.00	88	0.	86	0.	85	0.	83	0.	82	0.
67	92	70.00	88	0.	86	0.	85	0.	83	0.	82	0.
72	0	100.00	88	0.	87	0.	85	0.	84	0.	82	0.
76	90	0.	88	0.	87	0.	85	0.	84	0.	83	0.
81	91	20.00	89	0.	88	0.	86	0.	85	0.	83	0.
85	92	20.00	90	0.	88	0.	87	0.	85	0.	84	0.
90	95	90.00	90	0.	89	0.	87	0.	86	0.	85	0.
94	94	50.00	91	0.	89	0.	88	0.	86	0.	85	0.
99	93	30.00	91	0.	89	0.	88	0.	87	0.	85	0.
103	93	30.00	91	0.	90	0.	88	0.	87	0.	85	0.
108	93	20.00	91	0.	90	0.	88	0.	87	0.	85	0.
112	94	30.00	91	0.	90	0.	89	0.	87	0.	86	0.
117	94	20.00	92	0.	90	0.	89	0.	87	0.	86	0.
121	94	20.00	92	0.	90	0.	89	0.	87	0.	86	0.
126	94	20.00	92	0.	90	0.	89	0.	88	0.	86	0.
130	94	20.00	92	0.	91	0.	89	0.	88	0.	86	0.
135	94	20.00	92	0.	91	0.	89	0.	88	0.	86	0.
139	94	20.00	92	0.	91	0.	89	0.	88	0.	86	0.
144	94	20.00	92	0.	91	0.	89	0.	88	0.	86	0.
148	94	20.00	92	0.	91	0.	89	0.	88	0.	86	0.
153	94	20.00	92	0.	91	0.	89	0.	88	0.	86	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
157	94	20.00	92	0.	91	0.	89	0.	88	0.	86	0.
162	94	20.00	92	0.	91	0.	89	0.	88	0.	86	0.
166	94	30.00	92	0.	90	0.	89	0.	88	0.	86	0.
171	96	70.00	92	0.	90	0.	89	0.	88	0.	86	0.
175	95	50.00	92	0.	90	0.	89	0.	87	0.	86	0.
180	94	30.00	91	0.	90	0.	89	0.	87	0.	86	0.
184	94	30.00	91	0.	90	0.	88	0.	87	0.	86	0.
189	94	30.00	91	0.	90	0.	88	0.	87	0.	86	0.
193	93	30.00	91	0.	90	0.	88	0.	87	0.	85	0.
198	93	30.00	91	0.	90	0.	88	0.	87	0.	85	0.
202	93	30.00	91	0.	90	0.	88	0.	87	0.	85	0.
207	94	40.00	91	0.	90	0.	88	0.	87	0.	85	0.
211	94	40.00	91	0.	89	0.	88	0.	87	0.	85	0.
216	93	40.00	91	0.	89	0.	88	0.	86	0.	85	0.
220	92	30.00	90	0.	89	0.	87	0.	86	0.	84	0.
225	92	20.00	90	0.	88	0.	87	0.	86	0.	84	0.
229	91	20.00	90	0.	88	0.	87	0.	85	0.	84	0.
234	92	50.00	89	0.	88	0.	86	0.	85	0.	84	0.
238	91	30.00	89	0.	87	0.	86	0.	84	0.	83	0.
243	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
247	90	0.	88	0.	87	0.	86	0.	84	0.	83	0.
252	90	0.	88	0.	87	0.	85	0.	84	0.	83	0.
256	90	0.	88	0.	87	0.	85	0.	84	0.	82	0.
261	89	0.	88	0.	87	0.	85	0.	84	0.	82	0.
265	89	0.	88	0.	86	0.	85	0.	84	0.	82	0.
270	89	0.	88	0.	86	0.	85	0.	83	0.	82	0.
274	89	0.	88	0.	86	0.	85	0.	83	0.	82	0.
279	89	0.	88	0.	86	0.	85	0.	83	0.	82	0.
283	89	10.00	87	0.	86	0.	85	0.	83	0.	82	0.
288	89	10.00	87	0.	86	0.	84	0.	83	0.	82	0.
292	88	0.	87	0.	86	0.	84	0.	83	0.	81	0.
297	0	100.00	88	0.	86	0.	85	0.	83	0.	82	0.
301	0	100.00	89	30.00	87	0.	86	0.	84	0.	83	0.
306	0	100.00	93	80.00	88	10.00	87	0.	85	0.	84	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
310	0	100.00	0	100.00	92	60.00	88	0,	87	0;	85	0,
315	0	100.00	0	100.00	93	80.00	90	40.00	88	0;	86	0,
319	0	100.00	0	100.00	0	100.00	92	60.00	89	20;00	87	0,
324	0	100.00	0	100.00	94	80.00	91	50.00	88	10;00	87	0,
328	0	100.00	0	100.00	93	60.00	90	30.00	88	10;00	86	0,
333	0	100.00	95	90.00	93	60.00	90	30.00	88	10;00	86	0,
337	0	100.00	95	80.00	92	60.00	90	30.00	87	10;00	86	0,
342	0	100.00	95	80.00	92	50.00	90	30.00	87	10;00	86	0,
346	0	100.00	95	80.00	92	50.00	90	30.00	87	0;	86	0,
351	0	100.00	94	70.00	92	50.00	90	30.00	87	0;	86	0,
355	0	100.00	94	70.00	92	50.00	89	20.00	87	0;	86	0,
360	0	100.00	94	70.00	92	50.00	89	20.00	87	0;	86	0,
AVERAGE SHIELDING		52.37		26.50		16.50		7.37		0.87		0,
AVERAGE TARGET CONTACT ANGLE		92		91		89		88		86		85

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 3

SHIELDING OF TARGET AT POSITION C

RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
3	95	80.00	94	70.00	92	50.00	90	30,00	88	20.00	87	0,
7	95	80.00	93	60.00	92	50.00	90	30,00	88	20,00	87	0,
10	95	80.00	93	60.00	92	50.00	90	30,00	88	20,00	87	0,
14	0	100.00	93	60,00	92	50.00	90	30,00	88	20,00	87	0,
18	0	100,00	93	60.00	91	40.00	90	30,00	88	10;00	87	0,
21	94	80.00	93	60.00	91	40.00	89	20.00	87	10,00	86	0,
25	94	80.00	92	60,00	91	40.00	89	20.00	87	10.00	86	0,
28	94	80.00	92	60.00	91	40.00	89	20,00	87	0,	86	0,
32	94	80.00	92	60.00	90	40.00	89	20,00	87	0;	86	0,
36	94	90.00	93	70,00	90	40.00	89	20,00	87	0,	86	0,
39	94	90,00	93	70,00	90	40,00	89	20,00	87	0;	86	0,
43	0	100.00	93	70,00	91	50.00	89	20,00	87	0,	86	0,
46	0	100.00	93	80,00	91	50.00	89	20,00	87	0;	86	0,
50	0	100,00	0	100,00	92	70.00	89	30,00	87	0;	86	0,
54	0	100,00	93	90,00	91	60,00	89	20,00	87	0;	86	0,
57	0	100.00	92	60,00	89	30.00	87	0,	86	0;	85	0,
61	0	100,00	90	40,00	88	0,	87	0,	86	0,	84	0,
64	0	100,00	88	0,	87	0,	86	0,	85	0;	84	0,
68	89	10.00	88	0,	87	0,	86	0,	84	0;	83	0,
72	89	0,	88	0,	87	0,	86	0,	85	0;	83	0,
75	89	0,	88	0,	87	0,	86	0,	85	0;	84	0,
79	90	0,	89	0,	88	0,	86	0,	85	0,	84	0,
82	90	10.00	89	0,	88	0,	87	0,	86	0;	85	0,
86	91	10,00	90	0,	88	0,	87	0,	86	0;	85	0,
90	92	20.00	90	0,	89	0,	88	0,	87	0;	85	0,
93	92	20.00	91	0,	89	0,	88	0,	87	0,	86	0,
97	92	20,00	91	0,	90	0,	89	0,	87	0;	86	0,
100	93	20,00	91	0,	90	0,	89	0,	88	0;	87	0,
104	93	20,00	91	0,	90	0,	89	0,	88	0;	87	0,
108	93	20.00	91	0,	90	0,	89	0,	88	0;	87	0,
111	93	20.00	92	0,	90	0,	89	0,	88	0,	87	0,
115	93	20.00	92	0,	91	0,	89	0,	88	0;	87	0,
118	93	20.00	92	0,	91	0,	89	0,	88	0;	87	0,
122	93	10.00	92	0,	91	0,	90	0,	88	0,	87	0,

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
126	93	10.00	92	0.	91	0.	90	0.	89	0.	87	0.
129	93	10.00	92	0.	91	0.	90	0.	89	0.	87	0.
133	93	10.00	92	0.	91	0.	90	0.	89	0.	87	0.
136	93	10.00	92	0.	91	0.	90	0.	89	0.	87	0.
140	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
144	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
147	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
151	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
154	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
158	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
162	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
165	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
169	94	20.00	92	0.	91	0.	90	0.	89	0.	87	0.
172	93	20.00	92	0.	91	0.	90	0.	89	0.	87	0.
176	93	20.00	92	10.00	91	0.	90	0.	89	0.	87	0.
180	94	30.00	92	10.00	91	0.	90	0.	88	0.	87	0.
183	94	30.00	92	10.00	91	0.	90	0.	88	0.	87	0.
187	94	30.00	92	0.	91	0.	89	0.	88	0.	87	0.
190	93	20.00	92	0.	90	0.	89	0.	88	0.	87	0.
194	93	20.00	91	0.	90	0.	89	0.	88	0.	87	0.
198	93	20.00	91	0.	90	0.	89	0.	88	0.	87	0.
201	93	20.00	91	0.	90	0.	89	0.	88	0.	87	0.
205	93	20.00	91	0.	90	0.	89	0.	88	0.	86	0.
208	92	20.00	91	0.	90	0.	89	0.	87	0.	86	0.
212	92	20.00	91	0.	89	0.	88	0.	87	0.	86	0.
216	92	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
219	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
223	91	0.	90	0.	89	0.	87	0.	86	0.	85	0.
226	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
230	90	0.	89	0.	88	0.	87	0.	86	0.	84	0.
234	90	0.	89	0.	88	0.	87	0.	85	0.	84	0.
237	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
241	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
244	90	0.	89	0.	87	0.	86	0.	85	0.	84	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
248	90	0.	89	0.	87	0.	86	0.	85	0.	84	0.
252	90	0.	89	0.	87	0.	86	0.	85	0.	84	0.
255	90	0.	89	0.	87	0.	86	0.	85	0.	84	0.
259	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
262	90	20.00	89	0.	87	0.	86	0.	85	0.	84	0.
266	89	10.00	88	0.	87	0.	86	0.	85	0.	84	0.
270	89	10.00	88	0.	87	0.	86	0.	85	0.	84	0.
273	90	20.00	89	0.	87	0.	86	0.	85	0.	84	0.
277	90	20.00	89	0.	87	0.	86	0.	85	0.	83	0.
280	89	20.00	88	0.	87	0.	86	0.	85	0.	83	0.
284	90	30.00	88	0.	87	0.	86	0.	84	0.	83	0.
288	89	10.00	88	0.	87	0.	85	0.	84	0.	83	0.
291	0	100.00	88	0.	87	0.	86	0.	85	0.	84	0.
295	0	100.00	91	70.00	88	0.	87	0.	86	0.	84	0.
298	0	100.00	0	100.00	90	40.00	88	0.	87	0.	85	0.
302	0	100.00	0	100.00	92	80.00	89	30.00	88	0.	86	0.
306	0	100.00	0	100.00	0	100.00	92	60.00	89	20.00	87	0.
309	0	100.00	0	100.00	94	90.00	92	60.00	89	20.00	87	0.
313	0	100.00	0	100.00	93	70.00	90	40.00	88	10.00	87	0.
316	0	100.00	94	90.00	92	60.00	90	40.00	88	10.00	87	0.
320	0	100.00	94	80.00	92	60.00	90	30.00	88	10.00	87	0.
324	0	100.00	94	80.00	92	60.00	90	30.00	88	10.00	87	0.
327	0	100.00	94	70.00	92	50.00	90	30.00	88	10.00	87	0.
331	95	90.00	94	70.00	92	50.00	90	30.00	88	10.00	87	0.
334	95	90.00	94	70.00	92	50.00	90	30.00	88	10.00	87	0.
338	95	90.00	94	70.00	92	50.00	90	30.00	88	10.00	87	0.
342	0	100.00	94	70.00	92	50.00	90	30.00	89	20.00	87	0.
345	0	100.00	94	70.00	92	50.00	91	40.00	89	20.00	87	0.
349	96	90.00	94	70.00	92	50.00	90	30.00	89	20.00	87	0.
352	96	90.00	94	70.00	92	50.00	90	30.00	89	20.00	87	0.
356	96	90.00	94	70.00	92	50.00	90	30.00	89	20.00	87	0.
360	95	80.00	94	70.00	92	50.00	90	30.00	89	20.00	87	0.
AVERAGE SHIELDING		43.60		26.80		18.00		9.60		3.50		0.
AVERAGE TARGET CONTACT ANGLE		92		91		90		88		87		86

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 5

SHIELDING OF TARGET AT POSITION C
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	90	30.00	89	20.00	88	10.00	87	0.	86	0.	85	0.
6	90	30.00	89	20.00	88	10.00	87	0.	86	0.	85	0.
9	91	40.00	89	20.00	88	10.00	87	0.	86	0.	85	0.
12	91	40.00	89	20.00	88	10.00	87	0.	86	0.	85	0.
15	91	40.00	90	30.00	88	20.00	87	0.	86	0.	85	0.
18	91	40.00	90	30.00	88	20.00	87	10.00	86	0.	85	0.
21	91	50.00	90	30.00	89	20.00	87	10.00	87	0.	86	0.
24	92	50.00	91	40.00	89	30.00	88	10.00	87	0.	86	0.
27	92	60.00	91	50.00	90	30.00	88	20.00	87	0.	86	0.
30	93	70.00	91	50.00	90	40.00	89	20.00	87	10.00	87	0.
33	94	80.00	92	60.00	91	40.00	89	30.00	88	10.00	87	0.
36	0	100.00	92	60.00	91	50.00	89	30.00	88	10.00	87	0.
39	93	80.00	92	60.00	90	40.00	89	20.00	88	10.00	87	0.
42	93	80.00	92	60.00	90	40.00	89	20.00	87	0.	86	0.
45	93	80.00	92	60.00	90	40.00	89	20.00	87	0.	86	0.
48	93	90.00	92	70.00	90	40.00	89	20.00	87	0.	86	0.
51	0	100.00	92	70.00	90	40.00	89	20.00	87	0.	86	0.
54	93	90.00	92	70.00	90	40.00	89	20.00	87	0.	86	0.
57	0	100.00	92	70.00	90	40.00	89	20.00	88	0.	87	0.
60	0	100.00	92	80.00	90	40.00	88	10.00	88	0.	87	0.
63	0	100.00	91	60.00	89	20.00	88	0.	87	0.	86	0.
66	0	100.00	89	20.00	88	0.	87	0.	86	0.	85	0.
69	0	100.00	88	0.	88	0.	87	0.	86	0.	85	0.
72	89	20.00	88	0.	87	0.	86	0.	85	0.	84	0.
75	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
78	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
81	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
84	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
87	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
90	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
93	92	20.00	91	0.	90	0.	89	0.	88	0.	87	0.
96	92	20.00	91	0.	90	0.	89	0.	88	0.	87	0.
99	92	20.00	91	0.	90	0.	89	0.	88	0.	87	0.
102	92	20.00	91	0.	90	0.	89	0.	88	0.	87	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
105	93	20.00	91	0.	90	0.	89	0.	88	0.	88	0.
108	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
111	92	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
114	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
117	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
120	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
123	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
126	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
129	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
132	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
135	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
138	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
141	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
144	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
147	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
150	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
153	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
156	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
159	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
162	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
165	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
168	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
171	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
174	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
177	93	20.00	92	0.	91	0.	90	0.	89	0.	88	0.
180	93	20.00	92	0.	91	0.	90	0.	89	0.	88	0.
183	93	20.00	92	0.	91	0.	90	0.	89	0.	88	0.
186	93	20.00	92	0.	91	0.	90	0.	89	0.	88	0.
189	93	20.00	92	0.	91	0.	90	0.	89	0.	88	0.
192	93	20.00	92	0.	91	0.	90	0.	89	0.	88	0.
195	93	20.00	91	0.	90	0.	90	0.	89	0.	88	0.
198	93	20.00	91	0.	90	0.	89	0.	88	0.	88	0.
201	92	20.00	91	0.	90	0.	89	0.	88	0.	87	0.
204	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
207	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
210	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
213	91	10.00	90	0.	89	0.	89	0.	88	0.	87	0.
216	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
219	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
222	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
225	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
228	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
231	0	100.00	89	0.	88	0.	87	0.	86	0.	85	0.
234	90	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
237	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
240	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
243	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
246	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
249	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
252	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
255	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
258	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
261	90	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
264	90	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
267	91	60.00	89	0.	88	0.	87	0.	86	0.	85	0.
270	92	90.00	89	0.	88	0.	87	0.	86	0.	85	0.
273	90	40.00	88	0.	87	0.	87	0.	86	0.	85	0.
276	92	90.00	89	0.	88	0.	87	0.	86	0.	85	0.
279	91	70.00	88	0.	88	0.	87	0.	86	0.	85	0.
282	91	80.00	88	0.	87	0.	86	0.	86	0.	85	0.
285	90	40.00	88	0.	87	0.	86	0.	85	0.	84	0.
288	0	100.00	89	20.00	88	0.	87	0.	86	0.	85	0.
291	0	100.00	0	100.00	89	10.00	88	0.	87	0.	86	0.
294	0	100.00	0	100.00	91	60.00	88	0.	87	0.	86	0.
297	0	100.00	0	100.00	0	100.00	90	50.00	88	10.00	87	0.
300	0	100.00	0	100.00	0	100.00	92	80.00	90	40.00	88	0.
303	0	100.00	0	100.00	93	90.00	91	60.00	89	30.00	88	0.
306	0	100.00	0	100.00	93	80.00	91	50.00	89	20.00	88	0.

TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
309	0	100.00	94	90.00	92	70.00	90	40.00	89	20.00	88	0.
312	0	100.00	93	80.00	92	60.00	90	40.00	89	20.00	88	0.
315	0	100.00	93	80.00	92	60.00	90	40.00	89	20.00	87	0.
318	0	100.00	93	70.00	91	50.00	90	30.00	89	20.00	87	0.
321	95	90.00	93	70.00	92	50.00	90	40.00	89	20.00	88	0.
324	0	100.00	94	80.00	92	60.00	91	40.00	89	20.00	88	10.00
327	95	90.00	93	70.00	92	50.00	91	40.00	89	20.00	88	10.00
330	94	80.00	93	60.00	91	50.00	90	30.00	89	20.00	87	0.
333	93	70.00	92	50.00	91	40.00	89	20.00	88	10.00	87	0.
336	93	60.00	92	50.00	90	30.00	89	20.00	87	0.	87	0.
339	92	50.00	91	40.00	90	30.00	88	10.00	87	0.	86	0.
342	92	50.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
345	91	40.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
348	91	40.00	90	30.00	89	20.00	87	10.00	86	0.	85	0.
351	91	40.00	90	30.00	88	10.00	87	0.	86	0.	85	0.
354	91	40.00	89	20.00	88	10.00	87	0.	86	0.	85	0.
357	91	40.00	89	20.00	88	10.00	87	0.	86	0.	85	0.
360	90	30.00	89	20.00	88	10.00	87	0.	86	0.	85	0.
AVERAGE SHIELDING		41.25		21.58		14.33		7.50		2.58		0.17
AVERAGE TARGET CONTACT ANGLE		92		91		90		89		87		86

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 3

SHIELDING OF TARGET AT POSITION C
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
2	0	100.00	90	30.00	89	20.00	88	10,00	87	0;	86	0,
5	0	100.00	90	30.00	89	20.00	88	10,00	87	0;	86	0,
7	0	100.00	90	30.00	89	20.00	88	10,00	87	0;	86	0,
10	0	100,00	90	30.00	88	20.00	87	10.00	87	0;	86	0,
12	0	100,00	89	30.00	88	20.00	87	10,00	87	0;	86	0,
15	0	100.00	89	30.00	88	20.00	87	10,00	86	0;	86	0,
18	0	100.00	89	20,00	88	10.00	87	0,	86	0,	86	0,
20	0	100.00	89	20.00	88	10.00	87	0,	86	0;	86	0,
23	0	100.00	89	20,00	88	10.00	87	0,	86	0;	86	0,
25	0	100.00	89	20.00	88	10.00	87	0,	86	0;	85	0,
28	90	60.00	89	20.00	88	10.00	87	0,	86	0;	85	0,
30	90	30.00	89	20.00	88	10.00	87	0,	86	0;	85	0,
33	90	40.00	89	20.00	88	10.00	87	0,	86	0;	85	0,
36	91	50.00	90	30.00	89	20.00	87	10,00	87	0;	86	0,
38	91	50,00	90	40.00	89	30,00	88	10,00	87	0;	86	0,
41	92	60.00	91	50.00	90	30.00	89	20,00	87	10;00	87	0,
43	93	70.00	92	60,00	90	40.00	89	30,00	88	10;00	87	0,
46	0	100.00	92	60.00	90	40,00	89	30,00	88	10;00	87	0,
48	93	80.00	91	60,00	90	40.00	89	20,00	88	10;00	87	0,
51	93	80.00	91	60,00	90	40.00	89	20,00	88	0;	87	0,
54	92	70.00	91	50,00	90	30.00	89	20.00	87	0;	87	0,
56	92	70.00	91	50.00	90	30.00	88	10,00	87	0,	87	0,
59	92	80.00	91	50,00	90	30.00	88	10.00	87	0;	87	0,
61	0	100.00	91	60,00	90	30.00	88	10,00	88	0;	87	0,
64	0	100.00	92	70.00	90	40,00	89	0,	88	0,	87	0,
66	0	100.00	91	60.00	89	10.00	88	0,	87	0;	36	0,
69	0	100.00	89	0,	88	0,	87	0,	87	0;	86	0,
72	0	100.00	89	0,	88	0,	87	0,	86	0;	85	0,
74	91	70.00	88	0,	87	0,	87	0,	86	0;	85	0,
77	90	20.00	89	0,	88	0,	87	0,	86	0;	85	0,
79	91	40.00	89	0,	88	0,	87	0,	86	0,	86	0,
82	90	10.00	89	0,	88	0,	88	0,	87	0;	86	0,
84	91	20,00	89	0,	89	0,	88	0,	87	0;	86	0,
87	91	10.00	90	0,	89	0,	88	0,	87	0;	87	0,

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
90	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
92	91	10.00	90	0.	90	0.	89	0.	88	0.	87	0.
95	91	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
97	92	10.00	91	0.	90	0.	89	0.	88	0.	88	0.
100	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
102	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
105	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
108	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
110	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
113	92	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
115	92	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
118	92	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
120	92	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
123	92	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
126	92	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
128	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
131	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
133	93	10.00	92	0.	91	0.	90	0.	89	0.	89	0.
136	93	10.00	92	0.	91	0.	90	0.	89	0.	89	0.
138	93	10.00	92	0.	91	0.	90	0.	89	0.	89	0.
141	93	10.00	92	0.	91	0.	90	0.	89	0.	89	0.
144	93	10.00	92	0.	91	0.	90	0.	89	0.	89	0.
146	93	10.00	92	0.	91	0.	90	0.	89	0.	89	0.
149	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
151	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
154	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
156	89	0.	88	0.	87	0.	86	0.	86	0.	85	0.
159	89	0.	88	0.	87	0.	86	0.	86	0.	85	0.
162	89	20.00	88	0.	87	0.	86	0.	86	0.	85	0.
164	89	20.00	88	0.	87	0.	86	0.	86	0.	85	0.
167	89	30.00	88	0.	87	0.	86	0.	86	0.	85	0.
169	89	30.00	88	0.	87	0.	86	0.	86	0.	85	0.
172	89	30.00	88	0.	87	0.	86	0.	86	0.	85	0.
174	89	30.00	88	0.	87	0.	86	0.	86	0.	85	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
177	89	30.00	88	0.	87	0.	86	0.	86	0.	85	0.
180	89	30.00	88	0.	87	0.	86	0.	86	0.	85	0.
182	89	30.00	88	0.	87	0.	86	0.	86	0.	85	0.
185	89	30.00	88	0.	87	0.	86	0.	86	0.	85	0.
187	89	30.00	88	0.	87	0.	86	0.	86	0.	85	0.
190	89	30.00	88	0.	87	0.	86	0.	86	0.	85	0.
192	89	30.00	88	0.	87	0.	86	0.	86	0.	85	0.
195	89	20.00	88	0.	87	0.	86	0.	86	0.	85	0.
198	89	20.00	88	0.	87	0.	86	0.	86	0.	85	0.
200	89	0.	88	0.	87	0.	86	0.	86	0.	85	0.
203	89	0.	88	0.	87	0.	86	0.	86	0.	85	0.
205	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
208	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
210	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
213	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
216	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
218	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
221	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
223	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
226	90	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
228	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
231	90	20.00	89	0.	89	0.	88	0.	87	0.	86	0.
234	90	10.00	89	0.	88	0.	87	0.	87	0.	86	0.
236	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
239	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
241	91	70.00	89	0.	88	0.	87	0.	86	0.	86	0.
244	91	50.00	89	0.	88	0.	87	0.	86	0.	86	0.
246	91	60.00	89	0.	88	0.	87	0.	86	0.	86	0.
249	91	60.00	89	0.	88	0.	87	0.	86	0.	86	0.
252	91	60.00	89	0.	88	0.	87	0.	86	0.	86	0.
254	91	70.00	89	0.	88	0.	87	0.	86	0.	86	0.
257	92	80.00	89	0.	88	0.	87	0.	87	0.	86	0.
259	92	80.00	89	0.	88	0.	87	0.	87	0.	86	0.
262	92	80.00	89	0.	88	0.	87	0.	87	0.	86	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
264	92	90.00	89	0.	88	0.	87	0.	87	0.	86	0.
267	0	100.00	89	0.	88	0.	87	0.	87	0.	86	0.
270	0	100.00	89	0.	88	0.	87	0.	87	0.	86	0.
272	0	100.00	89	0.	88	0.	87	0.	87	0.	86	0.
275	92	90.00	89	0.	88	0.	87	0.	87	0.	86	0.
277	91	80.00	89	0.	88	0.	87	0.	86	0.	86	0.
280	91	60.00	89	0.	88	0.	87	0.	86	0.	86	0.
282	90	50.00	89	0.	88	0.	87	0.	86	0.	85	0.
285	0	100.00	89	10.00	88	0.	87	0.	86	0.	86	0.
288	0	100.00	91	80.00	89	10.00	88	0.	87	0.	86	0.
290	0	100.00	0	100.00	91	70.00	89	10.00	88	0.	87	0.
293	0	100.00	0	100.00	0	100.00	91	70.00	89	20.00	88	0.
295	0	100.00	0	100.00	0	100.00	92	90.00	90	50.00	88	10.00
298	0	100.00	0	100.00	0	100.00	91	70.00	90	40.00	88	0.
300	0	100.00	0	100.00	92	80.00	91	50.00	89	30.00	88	0.
303	0	100.00	0	100.00	92	70.00	91	50.00	89	20.00	88	0.
306	0	100.00	93	90.00	92	60.00	90	40.00	89	20.00	88	0.
308	0	100.00	93	80.00	92	60.00	90	40.00	89	20.00	88	0.
311	0	100.00	93	80.00	92	60.00	90	40.00	89	20.00	88	10.00
313	0	100.00	93	80.00	92	60.00	91	40.00	90	30.00	88	10.00
316	94	90.00	93	70.00	92	60.00	91	40.00	90	30.00	88	10.00
318	94	80.00	92	60.00	91	50.00	90	30.00	89	20.00	88	0.
321	92	60.00	91	50.00	90	40.00	89	20.00	88	10.00	87	0.
324	92	50.00	91	40.00	90	30.00	88	10.00	88	0.	87	0.
326	91	50.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
329	91	40.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
331	91	40.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
334	91	40.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
336	0	100.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
339	0	100.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
342	0	100.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
344	0	100.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
347	0	100.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
349	92	90.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
352	0	100.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
354	0	100.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
357	0	100.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
360	0	100.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
AVERAGE SHIELDING		51.00		19.14		13.07		7.07		2.50		0.29
AVERAGE TARGET CONTACT ANGLE		91°		90		89		88		87		86

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 3
SHIELDING OF TARGET AT POSITION C
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	0	100,00	90	30,00	89	20,00	88	10,00	87	0,	87	0,
4	0	100,00	90	30,00	89	20,00	88	10,00	87	10,00	87	0,
6	0	100,00	90	30,00	89	20,00	88	20,00	87	10,00	87	0,
9	0	100,00	90	40,00	89	20,00	88	20,00	87	10,00	87	0,
11	0	100,00	90	40,00	89	20,00	88	20,00	87	10,00	87	0,
13	0	100,00	90	50,00	89	20,00	88	20,00	87	10,00	87	0,
15	0	100,00	91	70,00	89	20,00	88	20,00	87	10,00	87	0,
18	0	100,00	91	70,00	89	20,00	88	20,00	87	10,00	87	0,
20	0	100,00	91	80,00	89	20,00	88	10,00	87	10,00	87	0,
22	0	100,00	91	70,00	89	20,00	88	10,00	87	10,00	87	0,
24	0	100,00	91	70,00	89	20,00	88	10,00	87	10,00	87	0,
27	0	100,00	91	60,00	89	20,00	88	10,00	87	10,00	87	0,
29	0	100,00	90	30,00	89	20,00	88	10,00	87	0,	86	0,
31	0	100,00	90	30,00	89	20,00	88	10,00	87	0,	86	0,
33	0	100,00	90	30,00	89	20,00	88	10,00	87	0,	86	0,
36	0	100,00	90	30,00	89	20,00	88	10,00	87	0,	86	0,
38	0	100,00	89	30,00	89	20,00	88	10,00	87	0,	86	0,
40	91	70,00	89	30,00	88	20,00	87	10,00	87	0,	86	0,
42	90	40,00	89	30,00	88	20,00	88	10,00	87	0,	86	0,
45	91	50,00	90	40,00	89	20,00	88	10,00	87	0,	86	0,
47	91	60,00	90	40,00	89	30,00	88	20,00	87	0,	87	0,
49	92	70,00	91	50,00	90	40,00	89	20,00	88	10,00	87	0,
51	93	90,00	91	60,00	90	40,00	89	30,00	88	10,00	87	0,
54	0	100,00	91	50,00	90	40,00	89	20,00	88	10,00	87	0,
56	92	60,00	91	50,00	90	30,00	89	20,00	88	0,	87	0,
58	92	60,00	90	40,00	89	30,00	88	10,00	88	0,	87	0,
60	92	70,00	90	40,00	89	20,00	88	0,	88	0,	87	0,
63	92	70,00	91	50,00	89	20,00	88	0,	88	0,	87	0,
65	92	90,00	91	50,00	89	20,00	88	0,	88	0,	87	0,
67	0	100,00	91	70,00	90	20,00	89	0,	88	0,	87	0,
69	0	100,00	90	50,00	89	0,	88	0,	87	0,	87	0,
72	0	100,00	89	10,00	88	0,	88	0,	87	0,	86	0,
74	91	80,00	89	0,	88	0,	87	0,	86	0,	86	0,
76	90	40,00	89	0,	88	0,	87	0,	87	0,	86	0,

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
78	91	50.00	89	0.	88	0.	88	0.	87	0.	86	0.
81	91	50.00	89	0.	89	0.	88	0.	87	0.	86	0.
83	90	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
85	91	30.00	90	0.	89	0.	88	0.	88	0.	87	0.
87	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
90	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
92	91	10.00	90	0.	90	0.	89	0.	88	0.	87	0.
94	91	10.00	91	0.	90	0.	89	0.	88	0.	88	0.
96	93	60.00	91	0.	90	0.	90	0.	89	0.	88	0.
99	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
101	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
103	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
105	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
108	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
110	92	10.00	91	0.	91	0.	90	0.	89	0.	89	0.
112	92	10.00	91	0.	91	0.	90	0.	89	0.	89	0.
114	92	10.00	91	0.	91	0.	90	0.	89	0.	89	0.
117	92	10.00	91	0.	91	0.	90	0.	89	0.	89	0.
119	92	10.00	92	0.	91	0.	90	0.	89	0.	89	0.
121	92	10.00	92	0.	91	0.	90	0.	89	0.	89	0.
123	92	10.00	92	0.	91	0.	90	0.	89	0.	89	0.
126	92	10.00	92	0.	91	0.	90	0.	89	0.	89	0.
128	92	10.00	92	0.	91	0.	90	0.	89	0.	89	0.
130	92	10.00	92	0.	91	0.	90	0.	90	0.	89	0.
132	92	10.00	92	0.	91	0.	90	0.	90	0.	89	0.
135	92	10.00	92	0.	91	0.	90	0.	90	0.	89	0.
137	92	10.00	92	0.	91	0.	90	0.	90	0.	89	0.
139	91	0.	90	0.	90	0.	89	0.	88	0.	88	0.
141	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
144	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
146	89	20.00	88	0.	87	0.	87	0.	86	0.	85	0.
148	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
150	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
153	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
155	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
157	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
159	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
162	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
164	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
166	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
168	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
171	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
173	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
175	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
177	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
180	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
182	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
184	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
186	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
189	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
191	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
193	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
195	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
198	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
200	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
202	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
204	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
207	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
209	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
211	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
213	89	20.00	88	0.	87	0.	87	0.	86	0.	85	0.
216	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
218	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
220	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
222	90	0.	90	0.	89	0.	88	0.	88	0.	87	0.
225	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
227	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
229	90	10.00	89	0.	89	0.	88	0.	87	0.	87	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
231	90	20.00	89	0.	89	0.	88	0.	87	0.	87	0.
234	90	30.00	89	0.	89	0.	88	0.	87	0.	86	0.
236	91	60.00	89	0.	88	0.	88	0.	87	0.	86	0.
238	0	100.00	89	0.	88	0.	88	0.	87	0.	86	0.
240	90	30.00	89	0.	88	0.	88	0.	87	0.	86	0.
243	91	60.00	89	0.	88	0.	88	0.	87	0.	86	0.
245	91	70.00	89	0.	88	0.	88	0.	87	0.	86	0.
247	91	60.00	89	0.	88	0.	88	0.	87	0.	86	0.
249	91	60.00	89	0.	88	0.	88	0.	87	0.	86	0.
252	91	60.00	89	0.	88	0.	88	0.	87	0.	86	0.
254	91	70.00	89	0.	89	0.	88	0.	87	0.	86	0.
256	91	70.00	89	0.	89	0.	88	0.	87	0.	86	0.
258	92	80.00	89	0.	89	0.	88	0.	87	0.	86	0.
261	92	80.00	89	0.	89	0.	88	0.	87	0.	87	0.
263	0	100.00	89	10.00	89	0.	88	0.	87	0.	87	0.
265	0	100.00	89	10.00	89	0.	88	0.	87	0.	87	0.
267	0	100.00	90	20.00	89	0.	88	0.	87	0.	87	0.
270	0	100.00	90	30.00	89	0.	88	0.	87	0.	87	0.
272	0	100.00	90	20.00	89	0.	88	0.	87	0.	87	0.
274	0	100.00	90	20.00	89	0.	88	0.	87	0.	86	0.
276	91	80.00	89	10.00	89	0.	88	0.	87	0.	86	0.
279	91	60.00	89	10.00	88	0.	88	0.	87	0.	86	0.
281	90	50.00	89	0.	88	0.	87	0.	87	0.	86	0.
283	0	100.00	89	20.00	88	0.	88	0.	87	0.	86	0.
285	0	100.00	91	70.00	89	20.00	88	0.	88	0.	87	0.
288	0	100.00	0	100.00	91	60.00	89	10.00	88	0.	87	0.
290	0	100.00	0	100.00	0	100.00	91	70.00	89	20.00	88	0.
292	0	100.00	0	100.00	0	100.00	92	90.00	90	50.00	89	10.00
294	0	100.00	0	100.00	0	100.00	91	70.00	90	40.00	88	10.00
297	0	100.00	0	100.00	92	90.00	91	60.00	90	30.00	88	10.00
299	0	100.00	0	100.00	92	80.00	91	50.00	89	30.00	88	10.00
301	0	100.00	93	90.00	92	70.00	91	50.00	89	30.00	88	10.00
303	0	100.00	93	80.00	92	60.00	91	50.00	89	30.00	88	10.00
306	0	100.00	93	80.00	92	70.00	91	50.00	90	30.00	88	10.00

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
308	0	100.00	93	80.00	92	60.00	91	50.00	90	30.00	89	20.00
310	94	90.00	93	70.00	92	60.00	90	40.00	89	30.00	88	10.00
312	93	70.00	92	60.00	90	40.00	90	30.00	88	10.00	88	0.
315	92	60.00	91	40.00	90	30.00	89	20.00	88	0.	87	0.
317	91	50.00	90	30.00	89	20.00	88	10.00	87	0.	87	0.
319	91	40.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
321	91	40.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
324	91	70.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
326	92	90.00	90	30.00	89	20.00	88	10.00	87	0.	87	0.
328	0	100.00	90	30.00	89	20.00	88	10.00	87	0.	87	0.
330	0	100.00	90	30.00	89	20.00	88	10.00	88	0.	87	0.
333	0	100.00	90	30.00	89	20.00	88	10.00	88	10.00	87	0.
335	92	90.00	90	30.00	89	20.00	88	10.00	88	10.00	87	0.
337	92	80.00	90	30.00	89	20.00	88	10.00	88	10.00	87	0.
339	92	70.00	90	30.00	89	20.00	88	10.00	88	10.00	87	0.
342	91	60.00	90	30.00	89	20.00	88	10.00	88	10.00	87	0.
344	91	60.00	90	30.00	89	20.00	88	10.00	87	10.00	87	0.
346	92	70.00	90	30.00	89	20.00	88	10.00	87	10.00	87	0.
348	91	60.00	90	30.00	89	20.00	88	10.00	87	10.00	87	0.
351	92	90.00	90	30.00	89	20.00	88	10.00	87	10.00	87	0.
353	0	100.00	90	30.00	89	20.00	88	10.00	87	10.00	87	0.
355	0	100.00	90	30.00	89	20.00	88	10.00	87	10.00	87	0.
357	92	80.00	90	30.00	89	20.00	88	10.00	87	0.	87	0.
360	92	80.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
AVERAGE SHIELDING		55.44		21.06		12.69		7.62		3.62		0.62
AVERAGE TARGET CONTACT ANGLE		91		90		89		88		87		87

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE-1

TABLE 4

SHIELDING OF TARGET AT POSITION D
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
18	88	0.	82	0.	77	0.	71	0.	66	0.	62	0.
36	89	0.	83	0.	77	0.	72	0.	67	0.	62	0.
54	90	0.	84	0.	78	0.	73	0.	68	0.	63	0.
72	90	0.	85	0.	79	0.	74	0.	69	0.	64	0.
90	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
108	93	0.	87	0.	81	0.	76	0.	71	0.	66	0.
126	94	0.	88	0.	82	0.	77	0.	71	0.	66	0.
144	94	0.	88	0.	83	0.	77	0.	72	0.	67	0.
162	94	0.	88	0.	83	0.	77	0.	72	0.	67	0.
180	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
198	93	0.	87	0.	81	0.	76	0.	71	0.	66	0.
216	92	0.	86	0.	81	0.	75	0.	70	0.	65	0.
234	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
252	92	0.	86	0.	80	0.	75	0.	70	0.	65	0.
270	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
288	90	0.	84	0.	79	0.	73	0.	68	0.	63	0.
306	90	0.	84	0.	79	0.	73	0.	68	0.	63	0.
324	89	0.	84	0.	78	0.	73	0.	68	0.	63	0.
342	88	0.	82	0.	77	0.	71	0.	66	0.	62	0.
360	87	0.	82	0.	76	0.	71	0.	66	0.	61	0.
AVERAGE SHIELDING		0.		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		85		80		74		69		64

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 4

SHIELDING OF TARGET AT POSITION D

RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
9	0	100.00	86	0.	83	0.	80	0.	78	0.	75	0.
18	0	100.00	86	0.	83	0.	80	0.	77	0.	74	0.
27	94	90.00	85	0.	82	0.	79	0.	76	0.	74	0.
36	90	40.00	85	0.	82	0.	79	0.	76	0.	73	0.
45	88	0.	85	0.	82	0.	79	0.	76	0.	74	0.
54	88	0.	86	0.	83	0.	80	0.	77	0.	74	0.
63	89	0.	87	0.	84	0.	81	0.	78	0.	75	0.
72	90	0.	88	0.	85	0.	82	0.	79	0.	76	0.
81	91	10.00	88	0.	86	0.	83	0.	80	0.	77	0.
90	92	10.00	89	0.	86	0.	83	0.	80	0.	78	0.
99	94	20.00	90	0.	87	0.	84	0.	81	0.	79	0.
108	93	10.00	90	0.	88	0.	85	0.	82	0.	79	0.
117	95	20.00	91	0.	88	0.	85	0.	82	0.	80	0.
126	94	10.00	91	0.	88	0.	86	0.	83	0.	80	0.
135	95	20.00	92	0.	89	0.	86	0.	83	0.	80	0.
144	96	20.00	92	0.	89	0.	87	0.	84	0.	81	0.
153	96	20.00	92	0.	89	0.	86	0.	84	0.	81	0.
162	95	10.00	92	0.	89	0.	86	0.	83	0.	81	0.
171	94	10.00	91	0.	89	0.	86	0.	83	0.	80	0.
180	94	10.00	91	0.	88	0.	85	0.	82	0.	80	0.
189	93	0.	90	0.	87	0.	84	0.	82	0.	79	0.
198	92	0.	89	0.	87	0.	84	0.	81	0.	78	0.
207	92	0.	89	0.	86	0.	83	0.	80	0.	78	0.
216	91	0.	88	0.	86	0.	83	0.	80	0.	77	0.
225	91	0.	88	0.	85	0.	82	0.	80	0.	77	0.
234	91	0.	88	0.	85	0.	82	0.	79	0.	77	0.
243	90	0.	88	0.	85	0.	82	0.	79	0.	76	0.
252	90	0.	87	0.	84	0.	82	0.	79	0.	76	0.
261	90	0.	87	0.	84	0.	82	0.	79	0.	76	0.
270	90	0.	87	0.	84	0.	81	0.	78	0.	76	0.
279	89	0.	87	0.	84	0.	81	0.	78	0.	75	0.
288	89	0.	86	0.	84	0.	81	0.	78	0.	75	0.
297	88	0.	86	0.	83	0.	80	0.	77	0.	75	0.
306	88	0.	85	0.	82	0.	80	0.	77	0.	74	0.

TABLE 4 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
315	88	10.00	85	0.	82	0.	79	0.	77	0.	74	0.
324	88	10.00	85	0.	82	0.	79	0.	76	0.	74	0.
333	92	60.00	85	0.	82	0.	79	0.	77	0.	74	0.
342	0	100.00	86	0.	83	0.	80	0.	77	0.	75	0.
351	0	100.00	86	0.	83	0.	80	0.	78	0.	75	0.
360	0	100.00	86	0.	84	0.	81	0.	78	0.	75	0.
AVERAGE SHIELDING		22.00		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		88		85		82		79		77

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 3

SHIELDING OF TARGET AT POSITION D

RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
6	0	100.00	0	100.00	94	80.00	90	40.00	87	0.	85	0.
12	0	100.00	0	100.00	94	80.00	90	40.00	87	0.	85	0.
18	0	100.00	0	100.00	93	70.00	89	30.00	86	0.	84	0.
24	0	100.00	0	100.00	92	60.00	88	20.00	85	0.	83	0.
30	0	100.00	94	80.00	89	30.00	86	0.	84	0.	82	0.
36	0	100.00	92	60.00	87	10.00	85	0.	83	0.	81	0.
42	0	100.00	89	30.00	86	0.	84	0.	82	0.	81	0.
48	93	80.00	87	0.	85	0.	84	0.	82	0.	80	0.
54	93	90.00	87	0.	85	0.	83	0.	81	0.	79	0.
60	89	10.00	87	0.	85	0.	83	0.	81	0.	79	0.
66	90	20.00	87	0.	85	0.	84	0.	82	0.	80	0.
72	90	0.	88	0.	86	0.	84	0.	82	0.	80	0.
78	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
84	92	10.00	90	0.	88	0.	86	0.	84	0.	82	0.
90	95	50.00	90	0.	89	0.	87	0.	85	0.	83	0.
96	94	30.00	91	0.	89	0.	87	0.	85	0.	83	0.
102	94	20.00	91	0.	89	0.	87	0.	85	0.	84	0.
108	93	10.00	91	0.	90	0.	88	0.	86	0.	84	0.
114	94	10.00	92	0.	90	0.	88	0.	86	0.	84	0.
120	94	10.00	92	0.	90	0.	88	0.	86	0.	84	0.
126	94	10.00	92	0.	90	0.	88	0.	86	0.	85	0.
132	94	10.00	92	0.	90	0.	88	0.	87	0.	85	0.
138	94	10.00	92	0.	90	0.	89	0.	87	0.	85	0.
144	94	10.00	92	0.	91	0.	89	0.	87	0.	85	0.
150	94	10.00	92	0.	91	0.	89	0.	87	0.	85	0.
156	94	10.00	93	0.	91	0.	89	0.	87	0.	85	0.
162	94	10.00	92	0.	91	0.	89	0.	87	0.	85	0.
168	94	10.00	92	0.	90	0.	88	0.	87	0.	85	0.
174	94	10.00	92	0.	90	0.	88	0.	86	0.	84	0.
180	94	10.00	92	0.	90	0.	88	0.	86	0.	84	0.
186	93	10.00	91	0.	89	0.	87	0.	86	0.	84	0.
192	93	10.00	91	0.	89	0.	87	0.	85	0.	83	0.
198	92	10.00	90	0.	89	0.	87	0.	85	0.	83	0.
204	94	40.00	90	0.	88	0.	86	0.	85	0.	83	0.

TABLE 4 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
210	93	30.00	90	0.	88	0.	86	0.	84	0.	82	0.
216	93	40.00	90	0.	88	0.	86	0.	84	0.	82	0.
222	91	10.00	89	0.	87	0.	85	0.	84	0.	82	0.
228	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
234	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
240	90	0.	89	0.	87	0.	85	0.	83	0.	81	0.
246	90	0.	88	0.	86	0.	85	0.	83	0.	81	0.
252	90	0.	88	0.	86	0.	84	0.	82	0.	81	0.
258	90	0.	88	0.	86	0.	84	0.	82	0.	80	0.
264	90	0.	88	0.	86	0.	84	0.	82	0.	80	0.
270	89	0.	88	0.	86	0.	84	0.	82	0.	80	0.
276	89	0.	87	0.	85	0.	83	0.	82	0.	80	0.
282	89	0.	87	0.	85	0.	83	0.	81	0.	80	0.
288	89	0.	87	0.	85	0.	83	0.	81	0.	79	0.
294	89	10.00	87	0.	85	0.	83	0.	81	0.	79	0.
300	88	0.	86	0.	84	0.	83	0.	81	0.	79	0.
306	92	70.00	87	0.	85	0.	83	0.	81	0.	79	0.
312	0	100.00	88	0.	86	0.	84	0.	82	0.	80	0.
318	0	100.00	90	40.00	87	0.	85	0.	83	0.	81	0.
324	0	100.00	94	80.00	88	10.00	86	0.	84	0.	82	0.
330	0	100.00	0	100.00	90	40.00	87	0.	85	0.	83	0.
336	0	100.00	0	100.00	93	70.00	88	20.00	86	0.	84	0.
342	0	100.00	0	100.00	94	70.00	89	30.00	86	0.	84	0.
348	0	100.00	0	100.00	95	80.00	90	40.00	87	0.	85	0.
354	0	100.00	0	100.00	95	80.00	90	40.00	87	0.	85	0.
360	0	100.00	0	100.00	95	80.00	91	50.00	87	10.00	85	0.
AVERAGE SHIELDING		37.83		21.50		12.67		5.17		0.17		0.
AVERAGE TARGET CONTACT ANGLE		92		90		89		86		84		82

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 4

SHIELDING OF TARGET AT POSITION D

RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
4	0	100.00	94	70.00	91	50.00	89	30.00	87	0.	85	0.
9	0	100.00	94	70.00	91	50.00	89	30.00	87	0.	85	0.
13	0	100.00	94	70.00	91	50.00	89	30.00	87	0.	85	0.
18	0	100.00	93	70.00	91	50.00	89	30.00	87	0.	85	0.
22	0	100.00	94	80.00	91	50.00	88	20.00	87	0.	85	0.
27	0	100.00	94	80.00	91	50.00	89	30.00	87	0.	85	0.
31	0	100.00	94	80.00	91	50.00	89	30.00	87	0.	85	0.
36	0	100.00	95	90.00	92	60.00	89	30.00	87	0.	85	0.
40	0	100.00	0	100.00	92	60.00	89	20.00	87	0.	85	0.
45	0	100.00	93	80.00	90	40.00	88	0.	86	0.	85	0.
49	0	100.00	92	60.00	88	10.00	87	0.	85	0.	84	0.
54	0	100.00	90	30.00	87	0.	86	0.	85	0.	83	0.
58	93	90.00	88	0.	87	0.	85	0.	84	0.	82	0.
63	89	0.	87	0.	86	0.	85	0.	83	0.	82	0.
67	89	0.	88	0.	86	0.	85	0.	83	0.	82	0.
72	89	0.	88	0.	87	0.	85	0.	84	0.	82	0.
76	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
81	91	0.	89	0.	88	0.	86	0.	85	0.	83	0.
85	91	0.	90	0.	88	0.	87	0.	85	0.	84	0.
90	92	10.00	90	0.	89	0.	87	0.	86	0.	84	0.
94	92	10.00	91	0.	89	0.	88	0.	86	0.	85	0.
99	93	10.00	91	0.	90	0.	88	0.	87	0.	85	0.
103	93	10.00	91	0.	90	0.	89	0.	87	0.	86	0.
108	93	10.00	92	0.	90	0.	89	0.	87	0.	86	0.
112	93	10.00	92	0.	90	0.	89	0.	88	0.	86	0.
117	93	10.00	92	0.	91	0.	89	0.	88	0.	86	0.
121	94	10.00	92	0.	91	0.	89	0.	88	0.	86	0.
126	94	0.	92	0.	91	0.	89	0.	88	0.	86	0.
130	94	0.	92	0.	91	0.	89	0.	88	0.	87	0.
135	94	0.	92	0.	91	0.	89	0.	88	0.	87	0.
139	94	0.	92	0.	91	0.	90	0.	88	0.	87	0.
144	94	0.	92	0.	91	0.	90	0.	88	0.	87	0.
148	94	0.	92	0.	91	0.	90	0.	88	0.	87	0.
153	94	0.	92	0.	91	0.	90	0.	88	0.	87	0.

TABLE 4 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
157	94	0.	92	0.	91	0.	90	0.	88	0.	87	0.
162	94	0.	92	0.	91	0.	90	0.	88	0.	87	0.
166	94	0.	92	0.	91	0.	89	0.	88	0.	87	0.
171	94	10.00	92	0.	91	0.	89	0.	88	0.	87	0.
175	95	40.00	92	0.	91	0.	89	0.	88	0.	86	0.
180	96	60.00	92	0.	91	0.	89	0.	88	0.	86	0.
184	95	50.00	92	0.	90	0.	89	0.	88	0.	86	0.
189	94	40.00	92	0.	90	0.	89	0.	87	0.	86	0.
193	93	20.00	91	0.	90	0.	88	0.	87	0.	86	0.
198	93	30.00	91	0.	90	0.	88	0.	87	0.	85	0.
202	93	30.00	91	0.	90	0.	88	0.	87	0.	85	0.
207	93	30.00	91	0.	90	0.	88	0.	87	0.	85	0.
211	94	40.00	91	0.	89	0.	88	0.	87	0.	85	0.
216	94	50.00	91	0.	89	0.	88	0.	86	0.	85	0.
220	94	60.00	91	0.	89	0.	88	0.	86	0.	85	0.
225	94	70.00	90	0.	89	0.	88	0.	86	0.	85	0.
229	95	90.00	90	0.	89	0.	87	0.	86	0.	84	0.
234	0	100.00	90	0.	89	0.	87	0.	86	0.	84	0.
238	0	100.00	89	0.	88	0.	86	0.	85	0.	83	0.
243	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
247	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
252	90	0.	88	0.	87	0.	86	0.	84	0.	83	0.
256	90	0.	88	0.	87	0.	85	0.	84	0.	83	0.
261	90	0.	88	0.	87	0.	85	0.	84	0.	82	0.
265	89	0.	88	0.	87	0.	85	0.	84	0.	82	0.
270	89	0.	88	0.	86	0.	85	0.	84	0.	82	0.
274	89	0.	88	0.	86	0.	85	0.	83	0.	82	0.
279	89	0.	88	0.	86	0.	85	0.	83	0.	82	0.
283	89	0.	87	0.	86	0.	85	0.	83	0.	82	0.
288	89	10.00	87	0.	86	0.	84	0.	83	0.	82	0.
292	89	0.	87	0.	86	0.	84	0.	83	0.	81	0.
297	0	100.00	87	0.	86	0.	85	0.	83	0.	82	0.
301	0	100.00	89	20.00	87	0.	86	0.	84	0.	83	0.
306	0	100.00	93	80.00	88	10.00	87	0.	85	0.	84	0.

TABLE 4 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
310	0	100.00	0	100.00	91	50.00	88	0,	86	0;	85	0,
315	0	100.00	0	100.00	93	80.00	90	30,00	87	0,	86	0,
319	0	100.00	0	100.00	94	90.00	91	50.00	88	10,00	87	0,
324	0	100.00	0	100.00	94	80.00	91	40,00	88	10,00	86	0,
328	0	100.00	95	90.00	92	60.00	90	30,00	87	0;	86	0,
333	0	100.00	95	90.00	92	60.00	90	30,00	87	0;	86	0,
337	0	100.00	95	80.00	92	50.00	90	30,00	87	0;	86	0,
342	0	100.00	94	80.00	92	50.00	89	30,00	87	10,00	86	0,
346	0	100.00	94	70.00	92	50.00	89	30,00	87	10,00	86	0,
351	0	100.00	94	70.00	92	50.00	89	30,00	87	10,00	86	0,
355	0	100.00	94	70.00	92	50.00	89	30,00	87	10,00	85	0,
360	0	100.00	94	70.00	91	50.00	89	30.00	87	10;00	85	0,
AVERAGE SHIELDING		46.25		25.00		15.62		7.62		0.87		0,
AVERAGE TARGET CONTACT ANGLE		92		91		90		88		86		85

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 4

SHIELDING OF TARGET AT POSITION D

RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
3	95	80.00	93	70,00	92	50,00	90	40.00	88	20,00	87	0,
7	95	80.00	93	70.00	91	50.00	90	40.00	88	20.00	87	0.
10	95	80,00	93	70,00	91	50.00	90	40,00	88	20,00	87	0,
14	0	100,00	93	70,00	91	50.00	90	40,00	88	20,00	87	0,
18	0	100,00	93	70.00	91	50.00	89	30.00	88	20,00	86	0,
21	94	80.00	92	60.00	91	50.00	89	30.00	87	10.00	86	0.
25	94	80,00	93	70,00	91	50.00	89	30,00	87	10,00	86	0,
28	94	80,00	92	60,00	91	50.00	89	30,00	87	10,00	86	0,
32	94	80,00	92	60.00	90	40.00	89	30,00	87	10,00	86	0,
36	94	80.00	92	60.00	90	40.00	88	20.00	87	0,	86	0,
39	94	80,00	92	60.00	90	40.00	88	20,00	87	0,	86	0,
43	94	90,00	92	60.00	90	40.00	88	10,00	87	0,	86	0,
46	0	100.00	92	60.00	90	30.00	88	10,00	87	0.	86	0,
50	0	100,00	93	80,00	91	50.00	88	10,00	87	0,	86	0,
54	0	100.00	93	80.00	90	40.00	88	0,	87	0,	86	0,
57	0	100,00	91	50,00	88	0.	87	0,	86	0,	85	0,
61	0	100,00	89	0,	88	0.	87	0,	85	0,	84	0,
64	0	100,00	88	0,	87	0.	86	0,	85	0,	84	0,
68	89	0,	88	0.	86	0.	85	0,	84	0,	83	0,
72	89	0,	88	0.	87	0.	86	0,	84	0,	83	0.
75	90	0.	88	0.	87	0.	86	0,	85	0,	84	0,
79	90	0.	89	0,	88	0.	87	0,	86	0,	84	0,
82	90	0,	89	0,	88	0.	87	0,	86	0,	85	0,
86	91	0,	90	0,	88	0.	87	0,	86	0,	85	0,
90	91	0,	90	0,	89	0.	88	0,	87	0,	86	0,
93	92	10,00	91	0,	90	0.	88	0,	87	0,	66	0,
97	92	10,00	91	0,	90	0.	89	0,	88	0.	87	0,
100	93	10,00	91	0,	90	0.	89	0,	88	0.	87	0,
104	93	10,00	92	0,	90	0.	89	0,	88	0.	87	0,
108	93	0,	92	0,	91	0.	89	0,	88	0.	87	0,
111	93	0,	92	0,	91	0.	89	0,	88	0.	87	0,
115	93	0,	92	0.	91	0.	90	0.	88	0,	87	0,
118	93	0,	92	0,	91	0.	90	0.	89	0;	87	0,
122	93	0,	92	0,	91	0.	90	0.	89	0,	87	0.

TABLE 4 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
126	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
129	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
133	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
136	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
140	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
144	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
147	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
151	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
154	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
158	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
162	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
165	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
169	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
172	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
176	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
180	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
183	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
187	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
190	93	10.00	92	0.	91	0.	90	0.	88	0.	87	0.
194	93	20.00	92	0.	91	0.	89	0.	88	0.	87	0.
198	93	30.00	92	0.	90	0.	89	0.	88	0.	87	0.
201	93	20.00	91	0.	90	0.	89	0.	88	0.	87	0.
205	93	20.00	91	0.	90	0.	89	0.	88	0.	87	0.
208	93	30.00	91	0.	90	0.	89	0.	88	0.	87	0.
212	93	40.00	91	0.	90	0.	89	0.	88	0.	86	0.
216	92	20.00	91	0.	90	0.	89	0.	87	0.	86	0.
219	92	20.00	91	0.	89	0.	88	0.	87	0.	86	0.
223	92	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
226	92	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
230	91	20.00	90	0.	89	0.	88	0.	86	0.	85	0.
234	91	10.00	90	0.	88	0.	87	0.	86	0.	85	0.
237	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
241	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
244	91	40.00	89	0.	88	0.	87	0.	85	0.	84	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
248	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
252	90	0.	89	0.	87	0.	86	0.	85	0.	84	0.
255	90	0.	88	0.	87	0.	86	0.	85	0.	84	0.
259	90	0.	88	0.	87	0.	86	0.	85	0.	84	0.
262	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
266	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
270	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
273	89	0.	88	0.	87	0.	86	0.	85	0.	83	0.
277	89	0.	88	0.	87	0.	86	0.	84	0.	83	0.
280	89	10.00	88	0.	87	0.	86	0.	84	0.	83	0.
284	89	10.00	88	0.	87	0.	85	0.	84	0.	83	0.
288	89	0.	87	0.	86	0.	85	0.	84	0.	83	0.
291	0	100.00	88	0.	87	0.	86	0.	85	0.	83	0.
295	0	100.00	90	40.00	88	0.	87	0.	85	0.	84	0.
298	0	100.00	93	90.00	89	20.00	87	0.	86	0.	85	0.
302	0	100.00	0	100.00	92	70.00	89	20.00	87	0.	86	0.
306	0	100.00	0	100.00	0	100.00	91	60.00	89	20.00	87	0.
309	0	100.00	0	100.00	94	90.00	91	50.00	89	20.00	87	0.
313	0	100.00	0	100.00	92	70.00	90	40.00	88	10.00	87	0.
316	0	100.00	94	90.00	92	60.00	90	30.00	88	10.00	87	0.
320	0	100.00	94	80.00	92	60.00	90	30.00	88	10.00	87	0.
324	0	100.00	94	80.00	92	50.00	90	30.00	88	10.00	87	0.
327	0	100.00	93	70.00	92	50.00	90	30.00	88	10.00	87	0.
331	95	90.00	93	70.00	92	50.00	90	30.00	88	10.00	87	0.
334	95	90.00	93	70.00	92	50.00	90	30.00	88	10.00	87	0.
338	95	90.00	93	70.00	92	50.00	90	30.00	88	20.00	87	0.
342	0	100.00	94	70.00	92	50.00	90	40.00	89	20.00	87	0.
345	0	100.00	94	70.00	92	50.00	90	40.00	89	20.00	87	10.00
349	0	100.00	94	70.00	92	50.00	90	40.00	89	20.00	87	10.00
352	95	90.00	94	70.00	92	50.00	90	40.00	88	20.00	87	10.00
356	95	90.00	94	70.00	92	50.00	90	40.00	88	20.00	87	0.
360	95	80.00	93	70.00	92	50.00	90	40.00	88	20.00	87	10.00
AVERAGE SHIELDING		39.40		25.30		17.00		10.00		3.90		0.40
AVERAGE TARGET CONTACT ANGLE		92		91		90		89		87		86

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 4

SHIELDING OF TARGET AT POSITION D
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
3	90	40.00	89	30.00	88	10.00	87	0.	86	0.	85	0.
6	90	40.00	89	30.00	87	10.00	86	0.	86	0.	85	0.
9	90	40.00	89	30.00	88	20.00	87	0.	86	0.	85	0.
12	90	40.00	89	30.00	88	20.00	87	10.00	86	0.	85	0.
15	91	50.00	89	30.00	88	20.00	87	10.00	86	0.	85	0.
18	91	50.00	90	30.00	88	20.00	87	10.00	86	0.	85	0.
21	91	50.00	90	40.00	89	20.00	87	10.00	86	0.	85	0.
24	92	60.00	90	40.00	89	30.00	88	20.00	87	0.	86	0.
27	92	60.00	91	50.00	90	40.00	88	20.00	87	10.00	86	0.
30	93	70.00	91	50.00	90	40.00	89	30.00	87	10.00	86	0.
33	93	70.00	92	60.00	91	50.00	89	30.00	88	20.00	87	0.
36	0	100.00	92	60.00	90	40.00	89	30.00	88	20.00	87	0.
39	93	70.00	91	50.00	90	40.00	89	20.00	87	10.00	86	0.
42	93	70.00	91	50.00	90	30.00	88	20.00	87	0.	86	0.
45	93	70.00	91	50.00	90	30.00	88	10.00	87	0.	86	0.
48	93	70.00	91	40.00	90	30.00	88	10.00	87	0.	86	0.
51	93	80.00	91	50.00	90	30.00	88	0.	87	0.	86	0.
54	93	80.00	91	50.00	89	20.00	88	0.	87	0.	86	0.
57	0	100.00	92	60.00	90	30.00	88	0.	87	0.	86	0.
60	0	100.00	92	80.00	90	30.00	88	0.	87	0.	86	0.
63	0	100.00	91	60.00	89	0.	88	0.	87	0.	86	0.
66	0	100.00	89	10.00	88	0.	87	0.	86	0.	85	0.
69	0	100.00	88	0.	87	0.	86	0.	85	0.	85	0.
72	90	40.00	88	0.	87	0.	86	0.	85	0.	84	0.
75	89	10.00	88	0.	87	0.	86	0.	86	0.	85	0.
78	90	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
81	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
84	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
87	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
90	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
93	91	0.	91	0.	90	0.	89	0.	88	0.	87	0.
96	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
99	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
102	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.

TABLE 4 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
105	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
108	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
111	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
114	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
117	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
120	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
123	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
126	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
129	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
132	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
135	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
138	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
141	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
144	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
147	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
150	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
153	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
156	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
159	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
162	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
165	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
168	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
171	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
174	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
177	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
180	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
183	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
186	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
189	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
192	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
195	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
198	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
201	92	10.00	91	0.	90	0.	89	0.	89	0.	88	0.
204	93	20.00	91	0.	90	0.	89	0.	88	0.	87	0.

TABLE 4 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
207	92	20.00	91	0.	90	0.	89	0.	88	0.	87	0.
210	92	20.00	91	0.	90	0.	89	0.	88	0.	87	0.
213	92	20.00	91	0.	90	0.	89	0.	88	0.	87	0.
216	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
219	91	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
222	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
225	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
228	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
231	92	40.00	90	0.	89	0.	88	0.	87	0.	86	0.
234	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
237	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
240	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
243	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
246	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
249	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
252	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
255	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
258	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
261	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
264	90	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
267	89	10.00	88	0.	87	0.	86	0.	86	0.	85	0.
270	89	10.00	88	0.	87	0.	86	0.	85	0.	84	0.
273	90	20.00	88	0.	87	0.	86	0.	85	0.	84	0.
276	90	30.00	88	0.	87	0.	86	0.	85	0.	84	0.
279	90	30.00	88	0.	87	0.	86	0.	85	0.	84	0.
282	90	40.00	88	0.	87	0.	86	0.	85	0.	84	0.
285	89	10.00	88	0.	87	0.	86	0.	85	0.	84	0.
288	0	100.00	88	0.	87	0.	87	0.	86	0.	85	0.
291	0	100.00	91	70.00	88	0.	87	0.	86	0.	85	0.
294	0	100.00	0	100.00	90	40.00	88	0.	87	0.	86	0.
297	0	100.00	0	100.00	92	90.00	90	40.00	88	0.	87	0.
300	0	100.00	0	100.00	0	100.00	92	70.00	89	30.00	88	0.
303	0	100.00	0	100.00	93	90.00	91	50.00	89	20.00	88	0.
306	0	100.00	0	100.00	92	70.00	90	40.00	88	10.00	87	0.

TABLE 4 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
309	0	100.00	93	90.00	92	60.00	90	40.00	88	10.00	87	0.
312	0	100.00	93	80.00	92	60.00	90	30.00	88	10.00	87	0.
315	0	100.00	93	80.00	91	50.00	90	30.00	88	10.00	87	0.
318	94	90.00	93	70.00	91	50.00	90	30.00	88	10.00	87	0.
321	95	90.00	93	70.00	91	50.00	90	30.00	89	20.00	87	0.
324	0	100.00	94	80.00	92	60.00	91	40.00	89	20.00	88	10.00
327	95	90.00	93	70.00	92	50.00	90	40.00	89	20.00	88	10.00
330	94	80.00	93	60.00	91	40.00	90	30.00	89	20.00	87	0.
333	93	70.00	92	50.00	90	40.00	89	20.00	88	10.00	87	0.
336	93	60.00	91	50.00	90	30.00	89	20.00	87	10.00	86	0.
339	92	50.00	91	40.00	89	30.00	88	10.00	87	0.	86	0.
342	92	50.00	90	40.00	89	20.00	88	10.00	87	0.	86	0.
345	91	50.00	90	30.00	89	20.00	87	10.00	86	0.	85	0.
348	91	40.00	90	30.00	88	20.00	87	10.00	86	0.	85	0.
351	91	40.00	89	30.00	88	20.00	87	10.00	86	0.	85	0.
354	90	40.00	89	30.00	88	10.00	87	0.	86	0.	85	0.
357	90	40.00	89	30.00	88	20.00	87	0.	86	0.	85	0.
360	90	40.00	89	30.00	88	10.00	87	0.	86	0.	85	0.
AVERAGE SHIELDING		33.33		20.92		13.25		6.58		2.25		0.17
AVERAGE TARGET CONTACT ANGLE		92		91		90		88		87		86

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

AD-A040 173 ARMY ENGINEER WATERWAYS EXPERIMENT STATION VICKSBURG MISS F/G 18/6
ANALYTICAL STUDY OF GROUND-SURFACE SHIELDING CHARACTERISTICS OF--ETC(U)
JUN 74 H W WEST, P L DOIRON, J A PARKS

UNCLASSIFIED WES-TR-M-74-4-VOL-2 NL

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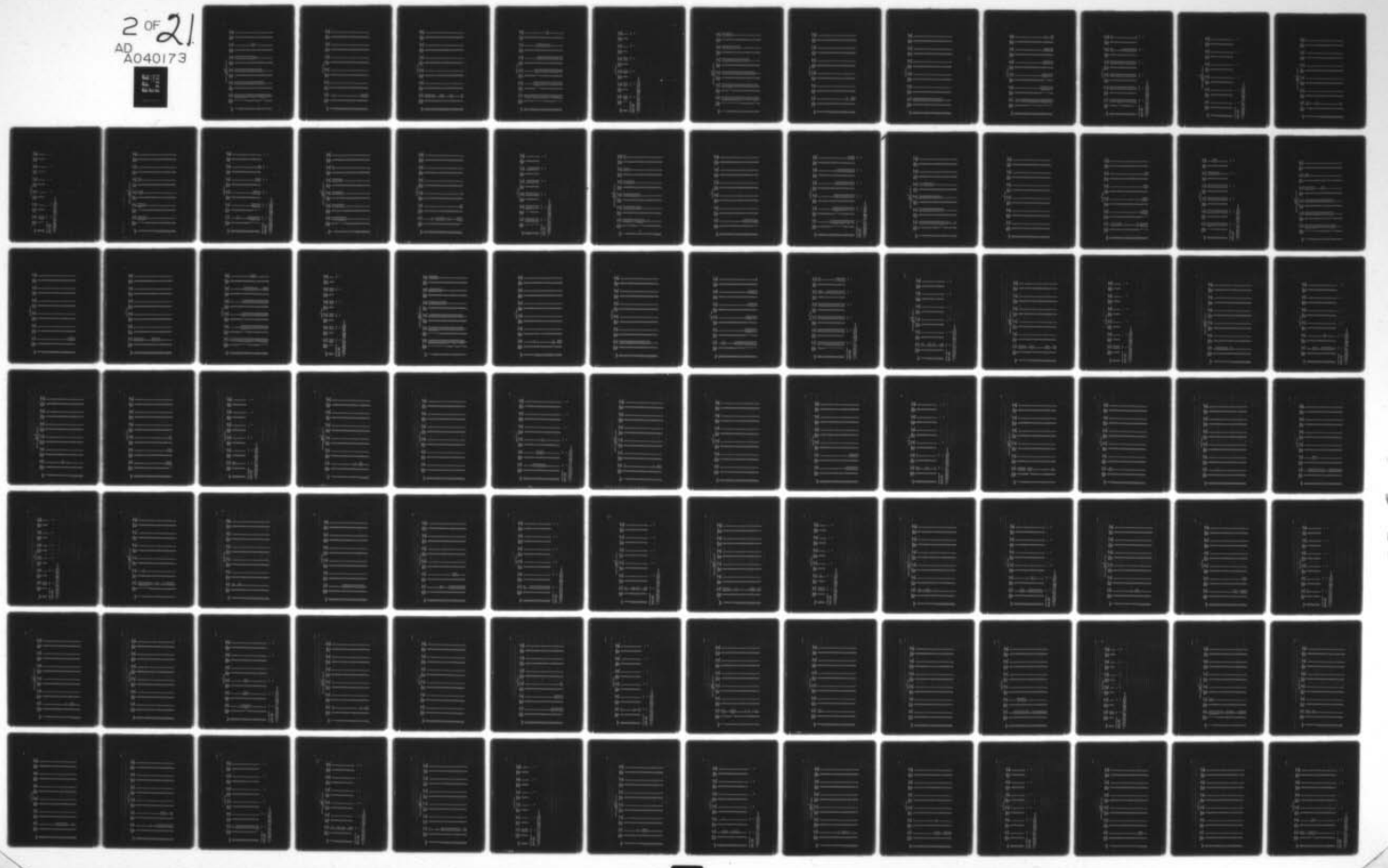

TABLE 4

SHIELDING OF TARGET AT POSITION D
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	0	100.00	90	30.00	89	20.00	87	10.00	87	0.	86	0.
5	0	100.00	90	30.00	88	20.00	87	10.00	87	0.	86	0.
7	0	100.00	89	30.00	88	20.00	87	10.00	87	0.	86	0.
10	0	100.00	89	30.00	88	20.00	87	10.00	87	0.	86	0.
12	0	100.00	89	30.00	88	20.00	87	10.00	87	0.	86	0.
15	0	100.00	89	30.00	88	20.00	87	10.00	87	0.	86	0.
18	0	100.00	89	30.00	88	20.00	87	10.00	87	0.	86	0.
20	0	100.00	89	30.00	88	20.00	87	10.00	86	0.	86	0.
23	0	100.00	89	30.00	88	20.00	87	10.00	86	0.	86	0.
25	0	100.00	89	30.00	88	20.00	87	10.00	86	0.	85	0.
28	0	100.00	89	30.00	88	20.00	87	10.00	86	0.	85	0.
30	90	40.00	89	30.00	88	20.00	87	10.00	86	0.	85	0.
33	90	40.00	89	30.00	88	20.00	87	10.00	86	0.	86	0.
36	91	50.00	90	30.00	89	20.00	87	10.00	87	0.	86	0.
38	91	50.00	90	40.00	89	30.00	88	20.00	87	0.	86	0.
41	92	60.00	91	40.00	90	30.00	89	20.00	87	10.00	87	0.
43	92	60.00	91	50.00	90	30.00	89	20.00	88	10.00	87	0.
46	0	100.00	91	50.00	90	30.00	89	20.00	88	10.00	87	0.
48	92	60.00	91	40.00	90	30.00	88	10.00	88	0.	87	0.
51	92	60.00	91	40.00	89	30.00	88	10.00	87	0.	87	0.
54	92	60.00	90	40.00	89	20.00	88	0.	87	0.	86	0.
56	92	60.00	90	40.00	89	20.00	88	0.	87	0.	86	0.
59	92	70.00	91	40.00	89	10.00	88	0.	87	0.	87	0.
61	0	100.00	91	50.00	89	10.00	88	0.	87	0.	87	0.
64	0	100.00	92	80.00	90	30.00	88	0.	88	0.	87	0.
66	0	100.00	91	70.00	89	0.	88	0.	87	0.	96	0.
69	0	100.00	89	10.00	88	0.	87	0.	86	0.	86	0.
72	0	100.00	88	0.	88	0.	87	0.	86	0.	85	0.
74	90	20.00	88	0.	88	0.	87	0.	86	0.	85	0.
77	90	20.00	89	0.	88	0.	87	0.	86	0.	86	0.
79	91	40.00	89	0.	88	0.	88	0.	87	0.	86	0.
82	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
84	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
87	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.

TABLE 4 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
90	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
92	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
95	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
97	93	40.00	91	0.	90	0.	89	0.	89	0.	88	0.
100	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
102	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
105	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
108	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
110	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
113	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
115	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
118	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
120	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
123	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
126	93	0.	92	0.	91	0.	90	0.	89	0.	89	0.
128	93	0.	92	0.	91	0.	90	0.	89	0.	89	0.
131	93	0.	92	0.	91	0.	90	0.	89	0.	89	0.
133	93	0.	92	0.	91	0.	90	0.	89	0.	89	0.
136	93	0.	92	0.	91	0.	90	0.	89	0.	89	0.
138	93	0.	92	0.	91	0.	90	0.	89	0.	89	0.
141	93	0.	92	0.	91	0.	90	0.	89	0.	89	0.
144	93	0.	92	0.	91	0.	90	0.	89	0.	89	0.
146	93	0.	92	0.	91	0.	90	0.	89	0.	89	0.
149	93	0.	92	0.	91	0.	90	0.	89	0.	89	0.
151	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
154	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
156	89	0.	88	0.	87	0.	86	0.	86	0.	85	0.
159	89	0.	88	0.	87	0.	86	0.	86	0.	85	0.
162	89	20.00	88	0.	87	0.	86	0.	86	0.	85	0.
164	89	20.00	88	0.	87	0.	86	0.	86	0.	85	0.
167	89	30.00	88	0.	87	0.	86	0.	86	0.	85	0.
169	89	30.00	88	0.	87	0.	86	0.	86	0.	85	0.
172	89	30.00	88	0.	87	0.	86	0.	86	0.	85	0.
174	89	30.00	88	0.	87	0.	86	0.	86	0.	85	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
177	89	30.00	88	0.	87	0.	86	0.	86	0.	85	0.
180	89	30.00	88	0.	87	0.	86	0.	86	0.	85	0.
182	89	30.00	88	0.	87	0.	86	0.	86	0.	85	0.
185	89	30.00	88	0.	87	0.	86	0.	86	0.	85	0.
187	89	30.00	88	0.	87	0.	86	0.	86	0.	85	0.
190	89	30.00	88	0.	87	0.	86	0.	86	0.	85	0.
192	89	30.00	88	0.	87	0.	86	0.	86	0.	85	0.
195	89	20.00	88	0.	87	0.	86	0.	86	0.	85	0.
198	89	20.00	88	0.	87	0.	86	0.	86	0.	85	0.
200	89	0.	88	0.	87	0.	86	0.	86	0.	85	0.
203	89	0.	88	0.	87	0.	86	0.	86	0.	85	0.
205	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
208	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
210	92	10.00	91	0.	90	0.	89	0.	88	0.	88	0.
213	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
216	91	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
218	91	10.00	90	0.	90	0.	89	0.	88	0.	87	0.
221	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
223	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
226	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
228	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
231	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
234	92	60.00	89	0.	89	0.	88	0.	87	0.	86	0.
236	91	60.00	89	0.	88	0.	88	0.	87	0.	86	0.
239	90	20.00	89	0.	88	0.	87	0.	87	0.	86	0.
241	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
244	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
246	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
249	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
252	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
254	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
257	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
259	89	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
262	90	50.00	89	0.	88	0.	87	0.	86	0.	85	0.

TABLE 4 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
264	90	40.00	89	0.	88	0.	87	0.	86	0.	85	0.
267	91	70.00	89	0.	88	0.	87	0.	86	0.	85	0.
270	0	100.00	89	0.	88	0.	87	0.	86	0.	85	0.
272	90	50.00	89	0.	88	0.	87	0.	86	0.	85	0.
275	0	100.00	89	0.	88	0.	87	0.	86	0.	85	0.
277	91	70.00	89	0.	88	0.	87	0.	86	0.	85	0.
280	91	90.00	89	0.	88	0.	87	0.	86	0.	85	0.
282	90	50.00	88	0.	88	0.	87	0.	86	0.	85	0.
285	0	100.00	89	30.00	88	0.	87	0.	87	0.	86	0.
288	0	100.00	0	100.00	89	10.00	88	0.	87	0.	86	0.
290	0	100.00	0	100.00	91	60.00	88	0.	88	0.	87	0.
293	0	100.00	0	100.00	0	100.00	91	60.00	89	10.00	88	0.
295	0	100.00	0	100.00	0	100.00	92	80.00	90	40.00	88	0.
298	0	100.00	0	100.00	93	90.00	91	60.00	89	30.00	88	0.
300	0	100.00	0	100.00	92	70.00	91	50.00	89	20.00	88	0.
303	0	100.00	93	90.00	92	70.00	90	40.00	89	20.00	88	0.
306	0	100.00	93	80.00	91	60.00	90	40.00	89	20.00	88	0.
308	0	100.00	93	80.00	91	60.00	90	40.00	89	20.00	88	0.
311	94	90.00	93	70.00	92	60.00	90	40.00	89	20.00	88	0.
313	0	100.00	93	80.00	92	60.00	90	40.00	89	20.00	88	10.00
316	94	90.00	93	70.00	92	50.00	90	40.00	89	20.00	88	10.00
318	93	80.00	92	60.00	91	40.00	90	30.00	89	20.00	88	0.
321	92	60.00	91	50.00	90	30.00	89	20.00	88	10.00	87	0.
324	92	50.00	91	40.00	90	30.00	88	10.00	87	0.	87	0.
326	91	50.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
329	91	40.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
331	91	40.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
334	0	100.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
336	0	100.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
339	0	100.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
342	0	100.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
344	0	100.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
347	0	100.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
349	0	100.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.

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TABLE 4 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
352	0	100.00	90	30.00	89	20.00	88	10.00	87	0,	86	0,
354	0	100.00	90	30.00	89	20.00	88	10.00	87	0,	86	0,
357	0	100.00	90	30.00	89	20.00	88	10.00	87	0,	86	0,
360	0	100.00	90	30.00	89	20.00	88	10.00	87	0,	86	0,
AVERAGE SHIELDING		45.57		19.14		12.29		6.64		2.00		0.14
AVERAGE TARGET CONTACT ANGLE		91		90		89		88		87		86

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 4

SHIELDING OF TARGET AT POSITION D

RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	0	100,00	91	60,00	89	30,00	88	20,00	88	10,00	87	10,00
4	0	100,00	91	80,00	89	30,00	88	20,00	88	10,00	87	10,00
6	0	100,00	91	90,00	89	30,00	88	20,00	88	10,00	87	10,00
9	0	100,00	91	90,00	89	30,00	88	20,00	88	10,00	87	10,00
11	0	100,00	91	90,00	89	30,00	88	20,00	88	10,00	87	10,00
13	0	100,00	91	90,00	89	30,00	88	20,00	88	20,00	87	10,00
15	0	100,00	0	100,00	89	30,00	88	20,00	88	20,00	87	10,00
18	0	100,00	0	100,00	89	30,00	88	20,00	88	10,00	87	10,00
20	0	100,00	0	100,00	89	30,00	88	20,00	88	10,00	87	10,00
22	0	100,00	91	90,00	89	30,00	88	20,00	87	10,00	87	0,
24	0	100,00	91	90,00	89	30,00	88	20,00	87	10,00	87	0,
27	0	100,00	91	80,00	89	30,00	88	20,00	87	10,00	87	0,
29	0	100,00	90	40,00	89	30,00	88	20,00	87	10,00	87	0,
31	0	100,00	90	40,00	89	30,00	88	20,00	87	10,00	87	0,
33	0	100,00	90	40,00	89	30,00	88	20,00	87	10,00	86	0,
36	0	100,00	90	40,00	89	30,00	88	20,00	87	10,00	86	0,
38	0	100,00	90	30,00	89	20,00	88	10,00	87	0,	86	0,
40	91	60,00	89	30,00	89	20,00	88	10,00	87	0,	86	0,
42	90	40,00	89	30,00	89	20,00	88	10,00	87	0,	86	0,
45	91	40,00	90	30,00	89	20,00	88	10,00	87	0,	86	0,
47	91	40,00	90	30,00	89	20,00	88	10,00	87	0,	87	0,
49	91	50,00	90	40,00	89	20,00	88	10,00	88	0,	87	0,
51	92	90,00	91	50,00	90	30,00	89	10,00	88	0,	87	0,
54	0	100,00	91	40,00	89	20,00	88	10,00	88	0,	87	0,
56	91	50,00	90	40,00	89	20,00	88	0,	88	0,	87	0,
58	91	50,00	90	30,00	89	10,00	88	0,	87	0,	87	0,
60	91	60,00	90	30,00	89	10,00	88	0,	87	0,	87	0,
63	92	70,00	90	40,00	89	10,00	88	0,	87	0,	87	0,
65	0	100,00	91	50,00	89	10,00	88	0,	88	0,	87	0,
67	0	100,00	92	90,00	90	30,00	88	0,	88	0,	87	0,
69	0	100,00	90	60,00	89	0,	88	0,	87	0,	87	0,
72	0	100,00	89	10,00	88	0,	87	0,	87	0,	86	0,
74	90	40,00	89	0,	88	0,	87	0,	86	0,	86	0,
76	89	0,	89	0,	88	0,	87	0,	86	0,	86	0,

TABLE 4 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
78	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
81	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
83	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
85	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
87	90	0.	90	0.	89	0.	88	0.	88	0.	87	0.
90	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
92	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
94	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
96	91	0.	91	0.	90	0.	89	0.	88	0.	88	0.
99	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
101	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
103	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
105	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
108	92	0.	91	0.	91	0.	90	0.	89	0.	89	0.
110	92	0.	91	0.	91	0.	90	0.	89	0.	89	0.
112	92	0.	91	0.	91	0.	90	0.	89	0.	89	0.
114	92	0.	92	0.	91	0.	90	0.	89	0.	89	0.
117	92	0.	92	0.	91	0.	90	0.	89	0.	89	0.
119	92	0.	92	0.	91	0.	90	0.	89	0.	89	0.
121	92	0.	92	0.	91	0.	90	0.	89	0.	89	0.
123	92	0.	92	0.	91	0.	90	0.	90	0.	89	0.
126	92	0.	92	0.	91	0.	90	0.	90	0.	89	0.
128	92	0.	92	0.	91	0.	90	0.	90	0.	89	0.
130	92	0.	92	0.	91	0.	90	0.	90	0.	89	0.
132	92	0.	92	0.	91	0.	90	0.	90	0.	89	0.
135	92	0.	92	0.	91	0.	90	0.	90	0.	89	0.
137	93	10.00	92	0.	91	0.	90	0.	90	0.	89	0.
139	91	0.	91	0.	90	0.	89	0.	88	0.	88	0.
141	89	0.	89	0.	88	0.	87	0.	86	0.	86	0.
144	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
146	89	20.00	88	0.	87	0.	87	0.	86	0.	85	0.
148	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
150	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
153	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.

TABLE 4 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
155	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
157	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
159	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
162	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
164	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
166	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
168	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
171	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
173	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
175	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
177	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
180	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
182	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
184	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
186	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
189	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
191	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
193	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
195	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
198	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
200	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
202	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
204	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
207	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
209	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
211	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
213	89	20.00	88	0.	87	0.	87	0.	86	0.	85	0.
216	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
218	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
220	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
222	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
225	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
227	90	0.	90	0.	89	0.	88	0.	88	0.	87	0.
229	90	0.	90	0.	89	0.	88	0.	88	0.	87	0.

TABLE 4 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
231	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
234	90	10.00	89	0.	89	0.	88	0.	87	0.	87	0.
236	90	20.00	89	0.	89	0.	88	0.	87	0.	86	0.
238	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
240	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
243	90	40.00	89	0.	88	0.	87	0.	87	0.	86	0.
245	91	80.00	89	0.	88	0.	87	0.	87	0.	86	0.
247	90	50.00	89	0.	88	0.	87	0.	87	0.	86	0.
249	91	60.00	89	0.	88	0.	87	0.	87	0.	86	0.
252	91	80.00	89	0.	88	0.	88	0.	87	0.	86	0.
254	91	80.00	89	0.	88	0.	88	0.	87	0.	86	0.
256	91	80.00	89	0.	88	0.	88	0.	87	0.	86	0.
258	91	90.00	89	0.	88	0.	88	0.	87	0.	86	0.
261	0	100.00	89	0.	88	0.	88	0.	87	0.	86	0.
263	0	100.00	89	0.	88	0.	88	0.	87	0.	86	0.
265	0	100.00	89	0.	88	0.	88	0.	87	0.	86	0.
267	0	100.00	89	0.	88	0.	88	0.	87	0.	86	0.
270	0	100.00	89	0.	88	0.	88	0.	87	0.	86	0.
272	0	100.00	89	0.	88	0.	88	0.	87	0.	86	0.
274	0	100.00	89	0.	88	0.	88	0.	87	0.	86	0.
276	91	90.00	89	0.	88	0.	88	0.	87	0.	86	0.
279	91	70.00	89	0.	88	0.	87	0.	87	0.	86	0.
281	91	60.00	89	0.	88	0.	87	0.	87	0.	86	0.
283	0	100.00	89	10.00	88	0.	88	0.	87	0.	86	0.
285	0	100.00	0	100.00	89	10.00	88	0.	87	0.	87	0.
288	0	100.00	0	100.00	91	80.00	89	20.00	88	0.	87	0.
290	0	100.00	0	100.00	0	100.00	91	70.00	89	20.00	88	0.
292	0	100.00	0	100.00	0	100.00	92	80.00	90	40.00	89	10.00
294	0	100.00	0	100.00	0	100.00	91	60.00	90	30.00	88	0.
297	0	100.00	0	100.00	92	80.00	91	50.00	89	30.00	88	0.
299	0	100.00	0	100.00	92	70.00	90	50.00	89	20.00	88	0.
301	0	100.00	93	90.00	91	60.00	90	40.00	89	20.00	88	0.
303	0	100.00	93	80.00	91	60.00	90	40.00	89	20.00	88	10.00
306	0	100.00	93	80.00	92	60.00	90	40.00	89	30.00	88	10.00

TABLE 4 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
308	0	100,00	93	80,00	92	60,00	91	50,00	90	30,00	88	10,00
310	93	80,00	92	70,00	91	50,00	90	40,00	89	20,00	88	10,00
312	92	70,00	91	50,00	90	40,00	89	20,00	88	10,00	88	0,
315	92	60,00	91	40,00	90	30,00	89	20,00	88	0,	87	0,
317	91	50,00	90	30,00	89	20,00	88	10,00	87	0,	87	0,
319	91	40,00	90	30,00	89	20,00	88	10,00	87	0,	86	0,
321	91	40,00	90	30,00	89	20,00	88	10,00	87	0,	86	0,
324	0	100,00	90	30,00	89	20,00	88	10,00	87	0,	87	0,
326	0	100,00	90	30,00	89	20,00	88	10,00	87	0,	87	0,
328	0	100,00	90	30,00	89	20,00	88	10,00	87	0,	87	0,
330	92	90,00	90	30,00	89	20,00	88	10,00	87	0,	87	0,
333	92	90,00	90	30,00	89	20,00	88	10,00	87	10,00	87	0,
335	92	80,00	90	30,00	89	20,00	88	10,00	87	10,00	87	0,
337	92	80,00	90	30,00	89	20,00	88	20,00	87	10,00	87	0,
339	92	90,00	90	30,00	89	20,00	88	20,00	87	10,00	87	0,
342	92	80,00	90	30,00	89	20,00	88	20,00	87	10,00	87	0,
344	92	80,00	90	30,00	89	30,00	88	20,00	87	10,00	87	0,
346	92	80,00	90	30,00	89	30,00	88	20,00	87	10,00	87	0,
348	92	80,00	90	30,00	89	20,00	88	20,00	87	10,00	87	0,
351	92	90,00	90	30,00	89	30,00	88	20,00	87	10,00	87	0,
353	92	90,00	90	30,00	89	30,00	88	20,00	87	10,00	86	0,
355	0	100,00	90	40,00	89	30,00	88	20,00	87	10,00	87	0,
357	0	100,00	90	40,00	89	30,00	88	20,00	87	10,00	87	0,
360	0	100,00	90	50,00	89	30,00	88	20,00	87	10,00	87	10,00
AVERAGE SHIELDING		51,87		23,06		13,19		8,06		3,62		0,94
AVERAGE TARGET CONTACT ANGLE		91		90		89		88		87		87

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE-1

TABLE 5

SHIELDING OF TARGET AT POSITION E
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
18	88	0.	82	0.	77	0.	71	0.	66	0.	62	0.
36	89	0.	84	0.	78	0.	73	0.	68	0.	63	0.
54	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
72	93	0.	87	0.	81	0.	76	0.	71	0.	66	0.
90	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
108	95	0.	90	0.	84	0.	78	0.	73	0.	68	0.
126	96	0.	90	0.	85	0.	79	0.	74	0.	69	0.
144	96	0.	91	0.	85	0.	79	0.	74	0.	69	0.
162	96	0.	91	0.	85	0.	79	0.	74	0.	69	0.
180	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
198	95	0.	89	0.	83	0.	78	0.	72	0.	67	0.
216	93	0.	88	0.	82	0.	76	0.	71	0.	66	0.
234	92	0.	86	0.	81	0.	75	0.	70	0.	65	0.
252	92	0.	86	0.	81	0.	75	0.	70	0.	65	0.
270	91	0.	85	0.	79	0.	74	0.	69	0.	64	0.
288	90	0.	84	0.	79	0.	73	0.	68	0.	63	0.
306	89	0.	84	0.	78	0.	73	0.	68	0.	63	0.
324	88	0.	83	0.	77	0.	72	0.	67	0.	62	0.
342	87	0.	82	0.	76	0.	71	0.	66	0.	61	0.
360	87	0.	81	0.	76	0.	70	0.	66	0.	61	0.
AVERAGE SHIELDING		0.		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		86		80		75		70		65

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 5
SHIELDING OF TARGET AT POSITION E
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
9	0	100.00	86	0.	83	0.	80	0.	77	0.	75	0.
18	94	80.00	86	0.	83	0.	80	0.	77	0.	74	0.
27	91	40.00	85	0.	82	0.	80	0.	77	0.	74	0.
36	88	0.	85	0.	82	0.	79	0.	76	0.	74	0.
45	88	0.	85	0.	82	0.	80	0.	77	0.	74	0.
54	89	0.	86	0.	83	0.	80	0.	77	0.	75	0.
63	90	0.	87	0.	84	0.	82	0.	79	0.	76	0.
72	91	0.	88	0.	85	0.	83	0.	80	0.	77	0.
81	93	0.	90	0.	87	0.	84	0.	81	0.	78	0.
90	94	20.00	91	0.	88	0.	85	0.	82	0.	79	0.
99	94	10.00	91	0.	88	0.	86	0.	83	0.	80	0.
108	95	0.	92	0.	89	0.	86	0.	83	0.	80	0.
117	95	0.	92	0.	89	0.	86	0.	84	0.	81	0.
126	95	0.	92	0.	89	0.	87	0.	84	0.	81	0.
135	95	0.	93	0.	90	0.	87	0.	84	0.	81	0.
144	96	0.	93	0.	90	0.	87	0.	84	0.	82	0.
153	96	0.	93	0.	90	0.	87	0.	84	0.	82	0.
162	96	0.	93	0.	90	0.	87	0.	84	0.	82	0.
171	96	0.	93	0.	90	0.	87	0.	84	0.	81	0.
180	95	0.	93	0.	90	0.	87	0.	84	0.	81	0.
189	95	0.	92	0.	89	0.	86	0.	83	0.	81	0.
198	94	0.	91	0.	88	0.	86	0.	83	0.	80	0.
207	93	0.	91	0.	88	0.	85	0.	82	0.	79	0.
216	93	0.	90	0.	87	0.	84	0.	81	0.	78	0.
225	92	0.	89	0.	86	0.	83	0.	80	0.	78	0.
234	91	0.	88	0.	85	0.	83	0.	80	0.	77	0.
243	91	0.	88	0.	85	0.	82	0.	79	0.	76	0.
252	90	0.	87	0.	84	0.	82	0.	79	0.	76	0.
261	90	0.	88	0.	85	0.	82	0.	79	0.	76	0.
270	90	0.	87	0.	84	0.	82	0.	79	0.	76	0.
279	90	0.	87	0.	84	0.	81	0.	78	0.	76	0.
288	90	10.00	87	0.	84	0.	81	0.	78	0.	76	0.
297	89	0.	86	0.	83	0.	80	0.	77	0.	75	0.
306	88	0.	85	0.	82	0.	79	0.	77	0.	74	0.

TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
315	88	0.	85	0.	82	0.	79	0.	76	0.	74	0.
324	87	10.00	84	0.	82	0.	79	0.	76	0.	73	0.
333	94	80.00	85	0.	82	0.	79	0.	76	0.	74	0.
342	0	100.00	85	0.	83	0.	80	0.	77	0.	74	0.
351	0	100.00	86	0.	83	0.	80	0.	77	0.	75	0.
360	0	100.00	86	0.	83	0.	80	0.	78	0.	75	0.
AVERAGE SHIELDING		16.25		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		88		86		83		80		77

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 5

SHIELDING OF TARGET AT POSITION E
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
6	0	100.00	0	100.00	93	70.00	89	30.00	86	0.	84	0.
12	0	100.00	0	100.00	93	60.00	89	30.00	86	0.	84	0.
18	0	100.00	0	100.00	92	50.00	87	10.00	85	0.	84	0.
24	0	100.00	95	90.00	90	30.00	87	0.	85	0.	83	0.
30	0	100.00	92	60.00	88	10.00	86	0.	84	0.	82	0.
36	0	100.00	91	50.00	87	0.	85	0.	83	0.	81	0.
42	0	100.00	88	10.00	86	0.	84	0.	82	0.	80	0.
48	93	80.00	87	0.	85	0.	83	0.	82	0.	80	0.
54	89	0.	87	0.	85	0.	83	0.	81	0.	79	0.
60	89	0.	87	0.	85	0.	83	0.	81	0.	79	0.
66	89	0.	87	0.	85	0.	83	0.	82	0.	80	0.
72	90	0.	88	0.	86	0.	84	0.	82	0.	81	0.
78	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
84	91	0.	90	0.	88	0.	86	0.	84	0.	82	0.
90	92	0.	90	0.	88	0.	86	0.	85	0.	83	0.
96	93	0.	91	0.	89	0.	87	0.	85	0.	83	0.
102	94	0.	92	0.	90	0.	88	0.	86	0.	84	0.
108	94	0.	92	0.	90	0.	88	0.	86	0.	84	0.
114	94	0.	92	0.	90	0.	88	0.	86	0.	85	0.
120	94	0.	92	0.	90	0.	89	0.	87	0.	85	0.
126	94	0.	93	0.	91	0.	89	0.	87	0.	85	0.
132	95	0.	93	0.	91	0.	89	0.	87	0.	85	0.
138	95	0.	93	0.	91	0.	89	0.	87	0.	85	0.
144	95	0.	93	0.	91	0.	89	0.	87	0.	85	0.
150	95	0.	93	0.	91	0.	89	0.	87	0.	85	0.
156	95	0.	93	0.	91	0.	89	0.	87	0.	85	0.
162	95	0.	93	0.	91	0.	89	0.	87	0.	85	0.
168	95	0.	93	0.	91	0.	89	0.	87	0.	85	0.
174	95	0.	93	0.	91	0.	89	0.	87	0.	85	0.
180	94	0.	93	0.	91	0.	89	0.	87	0.	85	0.
186	94	0.	92	0.	90	0.	88	0.	87	0.	85	0.
192	94	0.	92	0.	90	0.	88	0.	86	0.	84	0.
198	93	0.	91	0.	90	0.	88	0.	86	0.	84	0.
204	93	0.	91	0.	89	0.	87	0.	85	0.	83	0.

TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
210	92	0.	90	0.	88	0.	87	0.	85	0.	83	0.
216	92	0.	90	0.	88	0.	86	0.	84	0.	82	0.
222	91	0.	89	0.	87	0.	85	0.	84	0.	82	0.
228	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
234	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
240	90	10.00	89	0.	87	0.	85	0.	83	0.	81	0.
246	90	10.00	88	0.	86	0.	85	0.	83	0.	81	0.
252	90	0.	88	0.	86	0.	84	0.	82	0.	81	0.
258	90	0.	88	0.	86	0.	84	0.	82	0.	80	0.
264	90	0.	88	0.	86	0.	84	0.	82	0.	80	0.
270	90	0.	88	0.	86	0.	84	0.	82	0.	80	0.
276	89	0.	87	0.	86	0.	84	0.	82	0.	80	0.
282	89	0.	87	0.	85	0.	84	0.	82	0.	80	0.
288	89	0.	87	0.	85	0.	83	0.	81	0.	79	0.
294	88	0.	86	0.	85	0.	83	0.	81	0.	79	0.
300	88	10.00	86	0.	84	0.	83	0.	81	0.	79	0.
306	91	60.00	86	0.	85	0.	83	0.	81	0.	79	0.
312	0	100.00	88	0.	86	0.	84	0.	82	0.	80	0.
318	0	100.00	91	50.00	87	0.	85	0.	83	0.	81	0.
324	0	100.00	94	80.00	88	20.00	86	0.	84	0.	82	0.
330	0	100.00	0	100.00	90	40.00	86	0.	85	0.	83	0.
336	0	100.00	0	100.00	93	70.00	88	20.00	86	0.	84	0.
342	0	100.00	0	100.00	94	80.00	89	30.00	86	0.	84	0.
348	0	100.00	0	100.00	94	80.00	91	50.00	86	10.00	85	0.
354	0	100.00	0	100.00	94	80.00	91	50.00	86	10.00	85	0.
360	0	100.00	0	100.00	95	90.00	91	50.00	87	10.00	85	0.
AVERAGE SHIELDING		29.50		20.67		11.33		4.50		0.50		0.
AVERAGE TARGET CONTACT ANGLE		92		90		89		86		84		82

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 5

SHIELDING OF TARGET AT POSITION E

RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
4	96	90.00	93	70.00	91	50.00	89	30.00	86	10.00	85	0.
9	96	90.00	93	70.00	91	40.00	88	20.00	86	10.00	85	0.
13	96	90.00	93	60.00	91	40.00	88	20.00	86	0.	85	0.
18	95	90.00	93	60.00	90	40.00	88	20.00	86	0.	85	0.
22	95	90.00	93	60.00	90	30.00	88	10.00	86	0.	85	0.
27	0	100.00	93	60.00	90	30.00	88	10.00	86	0.	85	0.
31	0	100.00	93	70.00	90	40.00	88	10.00	86	0.	85	0.
36	0	100.00	94	80.00	91	50.00	88	10.00	87	0.	85	0.
40	0	100.00	94	80.00	91	40.00	88	10.00	87	0.	85	0.
45	0	100.00	92	60.00	89	20.00	87	0.	86	0.	84	0.
49	0	100.00	90	30.00	88	0.	86	0.	85	0.	84	0.
54	0	100.00	88	0.	87	0.	86	0.	84	0.	83	0.
58	93	90.00	88	0.	86	0.	85	0.	83	0.	82	0.
63	88	0.	87	0.	86	0.	84	0.	83	0.	81	0.
67	89	0.	87	0.	86	0.	84	0.	83	0.	82	0.
72	89	0.	88	0.	87	0.	85	0.	84	0.	82	0.
76	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
81	90	0.	89	0.	88	0.	86	0.	85	0.	83	0.
85	91	0.	89	0.	88	0.	87	0.	85	0.	84	0.
90	92	0.	90	0.	89	0.	87	0.	86	0.	85	0.
94	92	0.	91	0.	90	0.	88	0.	87	0.	85	0.
99	93	0.	92	0.	90	0.	89	0.	87	0.	86	0.
103	93	0.	92	0.	90	0.	89	0.	87	0.	86	0.
108	93	0.	92	0.	90	0.	89	0.	88	0.	86	0.
112	94	0.	92	0.	91	0.	89	0.	88	0.	86	0.
117	94	0.	92	0.	91	0.	89	0.	88	0.	86	0.
121	94	0.	92	0.	91	0.	89	0.	88	0.	87	0.
126	94	0.	92	0.	91	0.	90	0.	88	0.	87	0.
130	94	0.	92	0.	91	0.	90	0.	88	0.	87	0.
135	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
139	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
144	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
148	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
153	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.

TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
157	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
162	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
166	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
171	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
175	94	0.	92	0.	91	0.	90	0.	88	0.	87	0.
180	94	0.	92	0.	91	0.	89	0.	88	0.	87	0.
184	94	0.	92	0.	91	0.	89	0.	88	0.	87	0.
189	94	10.00	92	0.	91	0.	89	0.	88	0.	86	0.
193	93	0.	92	0.	90	0.	89	0.	88	0.	86	0.
198	93	0.	92	0.	90	0.	89	0.	87	0.	86	0.
202	93	0.	91	0.	90	0.	88	0.	87	0.	86	0.
207	92	10.00	91	0.	90	0.	88	0.	87	0.	85	0.
211	94	50.00	91	0.	89	0.	88	0.	86	0.	85	0.
216	94	50.00	91	0.	89	0.	88	0.	86	0.	85	0.
220	92	20.00	90	0.	89	0.	87	0.	86	0.	85	0.
225	93	50.00	90	0.	89	0.	87	0.	86	0.	84	0.
229	93	50.00	90	0.	88	0.	87	0.	86	0.	84	0.
234	93	50.00	89	0.	88	0.	87	0.	85	0.	84	0.
238	90	0.	89	0.	88	0.	86	0.	85	0.	83	0.
243	90	0.	89	0.	87	0.	86	0.	85	0.	83	0.
247	90	10.00	89	0.	87	0.	86	0.	84	0.	83	0.
252	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
256	90	10.00	88	0.	87	0.	86	0.	84	0.	83	0.
261	90	0.	88	0.	87	0.	85	0.	84	0.	83	0.
265	90	0.	88	0.	87	0.	85	0.	84	0.	82	0.
270	89	0.	88	0.	86	0.	85	0.	84	0.	82	0.
274	89	0.	88	0.	86	0.	85	0.	83	0.	82	0.
279	89	0.	88	0.	86	0.	85	0.	83	0.	82	0.
283	89	0.	87	0.	86	0.	85	0.	83	0.	82	0.
288	89	10.00	87	0.	86	0.	84	0.	83	0.	82	0.
292	88	10.00	87	0.	86	0.	84	0.	83	0.	81	0.
297	92	80.00	87	0.	86	0.	84	0.	83	0.	82	0.
301	0	100.00	89	20.00	87	0.	86	0.	84	0.	83	0.
306	0	100.00	92	80.00	88	10.00	87	0.	85	0.	84	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
310	0	100.00	0	100.00	90	40.00	88	0.	86	0.	85	0.
315	0	100.00	0	100.00	93	80.00	89	30.00	87	0.	86	0.
319	0	100.00	0	100.00	94	90.00	91	50.00	88	10.00	86	0.
324	0	100.00	0	100.00	93	80.00	91	50.00	88	10.00	86	0.
328	0	100.00	0	100.00	92	60.00	89	30.00	87	10.00	86	0.
333	0	100.00	95	90.00	92	60.00	90	40.00	87	10.00	86	0.
337	0	100.00	95	90.00	92	60.00	89	30.00	87	10.00	85	0.
342	0	100.00	94	80.00	91	50.00	89	30.00	87	10.00	85	0.
346	0	100.00	94	80.00	92	60.00	89	30.00	87	10.00	85	0.
351	0	100.00	94	80.00	92	60.00	89	30.00	87	10.00	85	0.
355	0	100.00	94	80.00	91	50.00	89	30.00	87	10.00	85	0.
360	0	100.00	94	80.00	91	50.00	89	30.00	86	10.00	85	0.
AVERAGE SHIELDING		38.12		23.50		14.12		6.50		1.50		0.
AVERAGE TARGET CONTACT ANGLE		92		91		89		88		86		85

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 5
SHIELDING OF TARGET AT POSITION E
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
3	95	80.00	93	70.00	91	50.00	90	40.00	88	20.00	86	10,00
7	95	80.00	93	60.00	91	50.00	89	30.00	88	20.00	86	10,00
10	95	80.00	93	60.00	91	50.00	89	30.00	88	20.00	86	0,
14	0	100.00	93	60.00	91	40.00	89	30.00	87	10.00	86	0,
18	0	100.00	93	60.00	91	40.00	89	20.00	87	10.00	86	0,
21	94	70.00	92	50.00	90	30.00	89	20.00	87	0,	86	0,
25	94	70.00	92	50.00	90	30.00	88	20.00	87	0,	86	0,
28	93	70.00	92	50.00	90	30.00	88	10.00	87	0,	86	0,
32	93	70.00	92	50.00	90	30.00	88	10.00	87	0,	86	0,
36	93	70.00	91	50.00	90	30.00	88	10.00	87	0,	86	0,
39	93	70.00	91	50.00	90	30.00	88	0,	87	0,	85	0,
43	94	80.00	91	50.00	89	20.00	88	0,	87	0,	85	0,
46	94	90.00	91	50.00	89	20.00	88	0,	87	0,	86	0,
50	0	100.00	93	70.00	90	30.00	88	0,	87	0,	86	0,
54	0	100.00	93	90.00	90	30.00	88	0,	87	0,	86	0,
57	0	100.00	91	50.00	88	0.	87	0,	86	0,	85	0,
61	0	100.00	89	0,	87	0.	86	0,	85	0,	84	0,
64	0	100.00	88	0,	87	0,	86	0,	85	0,	83	0,
68	89	30.00	88	0,	87	0,	85	0,	84	0,	83	0,
72	89	10.00	88	0,	87	0.	86	0,	85	0,	84	0,
75	90	0,	89	0,	87	0.	86	0,	85	0,	84	0,
79	90	0,	89	0,	88	0.	87	0,	86	0,	85	0,
82	91	10.00	89	0,	88	0.	87	0,	86	0,	85	0,
86	91	0,	90	0,	89	0,	87	0,	86	0,	85	0,
90	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
93	92	0,	91	0,	89	0.	88	0,	87	0,	86	0,
97	92	0,	91	0.	90	0.	89	0,	88	0,	86	0,
100	92	0,	91	0,	90	0.	89	0,	88	0,	87	0,
104	93	0,	92	0,	91	0.	89	0,	88	0,	87	0,
108	93	0,	92	0,	91	0.	90	0,	88	0,	87	0,
111	93	0,	92	0,	91	0.	90	0,	89	0,	87	0,
115	93	0,	92	0,	91	0.	90	0,	89	0,	87	0,
118	93	0,	92	0,	91	0,	90	0,	89	0,	88	0,
122	93	0,	92	0.	91	0.	90	0.	89	0,	88	0,

TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
126	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
129	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
133	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
136	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
140	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
144	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
147	94	0.	92	0.	91	0.	90	0.	89	0.	88	0.
151	94	0.	92	0.	91	0.	90	0.	89	0.	88	0.
154	94	0.	92	0.	91	0.	90	0.	89	0.	88	0.
158	94	0.	92	0.	91	0.	90	0.	89	0.	88	0.
162	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
165	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
169	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
172	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
176	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
180	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
183	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
187	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
190	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
194	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
198	93	0.	92	0.	91	0.	89	0.	88	0.	87	0.
201	93	20.00	92	0.	91	0.	89	0.	88	0.	87	0.
205	93	30.00	92	0.	90	0.	89	0.	88	0.	87	0.
208	94	60.00	91	0.	90	0.	89	0.	88	0.	87	0.
212	94	70.00	91	0.	90	0.	89	0.	88	0.	87	0.
216	92	20.00	91	0.	90	0.	89	0.	87	0.	86	0.
219	93	30.00	91	0.	90	0.	88	0.	87	0.	86	0.
223	92	30.00	91	0.	89	0.	88	0.	87	0.	86	0.
226	93	40.00	91	0.	89	0.	88	0.	87	0.	86	0.
230	93	60.00	90	0.	89	0.	88	0.	87	0.	86	0.
234	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
237	0	100.00	90	0.	89	0.	88	0.	87	0.	85	0.
241	94	90.00	90	0.	89	0.	87	0.	86	0.	85	0.
244	0	100.00	89	0.	88	0.	87	0.	86	0.	85	0.

TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
248	90	0.	89	0.	88	0.	87	0.	85	0.	84	0,
252	90	0.	89	0.	88	0.	86	0.	85	0.	84	0,
255	90	0.	89	0.	87	0.	86	0.	85	0.	84	0,
259	90	0.	88	0.	87	0.	86	0.	85	0.	84	0,
262	89	0.	88	0.	87	0.	86	0.	85	0.	84	0,
266	89	0.	88	0.	87	0.	86	0.	85	0.	84	0,
270	89	0.	88	0.	87	0.	86	0.	85	0.	84	0,
273	89	0.	88	0.	87	0.	86	0.	85	0.	83	0,
277	89	0.	88	0.	87	0.	86	0.	84	0.	83	0,
280	89	0.	88	0.	87	0.	85	0.	84	0.	83	0,
284	89	10.00	88	0.	87	0.	85	0.	84	0.	83	0,
288	89	0.	87	0.	86	0.	85	0.	84	0.	83	0,
291	0	100.00	89	0.	87	0.	86	0.	84	0.	83	0,
295	0	100.00	90	40.00	88	0.	87	0.	85	0.	84	0,
298	0	100.00	92	90.00	89	20.00	87	0.	86	0.	85	0,
302	0	100.00	0	100.00	91	60.00	88	10.00	87	0.	86	0,
306	0	100.00	0	100.00	0	100.00	91	50.00	88	10.00	87	0,
309	0	100.00	0	100.00	93	90.00	91	50.00	89	20.00	87	0,
313	0	100.00	0	100.00	92	70.00	90	40.00	88	10.00	87	0,
316	0	100.00	94	90.00	92	60.00	90	30.00	88	10.00	87	0,
320	0	100.00	94	80.00	92	60.00	90	30.00	88	10.00	87	0,
324	0	100.00	93	80.00	92	60.00	90	40.00	88	10.00	87	0,
327	0	100.00	93	80.00	91	50.00	89	30.00	88	20.00	86	0,
331	95	90.00	93	70.00	91	50.00	90	40.00	88	20.00	86	0,
334	95	90.00	93	70.00	92	60.00	90	40.00	88	20.00	87	0,
338	95	90.00	93	70.00	91	50.00	90	40.00	88	20.00	87	0,
342	0	100.00	93	70.00	92	60.00	90	40.00	88	20.00	87	10.00
345	0	100.00	93	70.00	92	60.00	90	40.00	89	30.00	87	10.00
349	95	90.00	93	70.00	92	60.00	90	40.00	89	30.00	87	10.00
352	95	90.00	93	70.00	92	60.00	90	40.00	88	30.00	87	10.00
356	95	90.00	93	70.00	92	60.00	90	40.00	88	30.00	87	10.00
360	95	90.00	93	70.00	92	60.00	90	40.00	88	30.00	87	10.00
AVERAGE SHIELDING		42.70		24.10		16.00		8.60		4.00		0.80
AVERAGE TARGET CONTACT ANGLE		93		91		90		89		87		86

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 5

SHIELDING OF TARGET AT POSITION E
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	90	40.00	89	30.00	88	20.00	86	10.00	85	0.	84	0.
6	90	40.00	88	20.00	87	10.00	86	0.	85	0.	84	0.
9	90	40.00	89	30.00	88	20.00	86	10.00	85	0.	85	0.
12	90	40.00	89	30.00	88	10.00	87	0.	86	0.	85	0.
15	90	40.00	89	30.00	88	20.00	87	10.00	86	0.	85	0.
18	91	40.00	89	30.00	88	20.00	87	10.00	86	0.	85	0.
21	91	40.00	90	30.00	88	20.00	87	10.00	86	0.	85	0.
24	91	40.00	90	30.00	89	20.00	87	10.00	87	0.	86	0.
27	92	50.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
30	92	60.00	91	40.00	90	30.00	88	10.00	87	0.	86	0.
33	93	70.00	92	50.00	90	30.00	89	20.00	88	0.	87	0.
36	0	100.00	92	50.00	90	30.00	89	20.00	88	0.	87	0.
39	92	60.00	91	40.00	90	30.00	88	10.00	87	0.	86	0.
42	92	60.00	91	40.00	89	20.00	88	0.	87	0.	86	0.
45	92	60.00	91	40.00	89	20.00	88	0.	87	0.	86	0.
48	92	60.00	90	30.00	89	10.00	88	0.	87	0.	86	0.
51	92	70.00	91	40.00	89	10.00	88	0.	87	0.	86	0.
54	93	90.00	91	50.00	89	10.00	88	0.	87	0.	86	0.
57	0	100.00	92	70.00	90	30.00	88	0.	87	0.	86	0.
60	0	100.00	92	90.00	90	40.00	88	0.	87	0.	86	0.
63	0	100.00	91	70.00	88	0.	88	0.	87	0.	86	0.
66	0	100.00	89	20.00	88	0.	87	0.	86	0.	85	0.
69	0	100.00	88	0.	87	0.	86	0.	85	0.	84	0.
72	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
75	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
78	91	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
81	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
84	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
87	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
90	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
93	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
96	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
99	93	30.00	91	0.	90	0.	89	0.	88	0.	88	0.
102	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.

TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
105	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
108	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
111	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
114	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
117	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
120	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
123	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
126	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
129	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
132	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
135	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
138	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
141	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
144	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
147	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
150	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
153	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
156	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
159	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
162	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
165	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
168	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
171	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
174	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
177	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
180	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
183	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
186	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
189	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
192	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
195	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
198	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
201	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
204	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.

TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
207	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
210	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
213	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
216	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
219	92	20.00	91	0.	90	0.	89	0.	88	0.	87	0.
222	92	20.00	91	0.	90	0.	89	0.	88	0.	87	0.
225	92	20.00	91	0.	90	0.	89	0.	88	0.	87	0.
228	92	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
231	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
234	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
237	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
240	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
243	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
246	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
249	91	40.00	89	0.	88	0.	87	0.	86	0.	85	0.
252	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
255	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
258	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
261	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
264	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
267	89	0.	88	0.	87	0.	86	0.	85	0.	85	0.
270	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
273	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
276	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
279	89	10.00	88	0.	87	0.	86	0.	85	0.	84	0.
282	89	10.00	88	0.	87	0.	86	0.	85	0.	84	0.
285	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
288	0	100.00	88	0.	87	0.	86	0.	85	0.	84	0.
291	0	100.00	90	50.00	88	0.	87	0.	86	0.	85	0.
294	0	100.00	0	100.00	89	30.00	88	0.	87	0.	86	0.
297	0	100.00	0	100.00	92	80.00	89	30.00	88	0.	87	0.
300	0	100.00	0	100.00	0	100.00	91	60.00	89	20.00	88	0.
303	0	100.00	0	100.00	93	90.00	91	50.00	89	20.00	88	0.
306	0	100.00	0	100.00	92	70.00	90	40.00	88	10.00	87	0.

TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
309	0	100.00	93	90.00	92	60.00	90	40.00	88	10.00	87	0.
312	0	100.00	93	80.00	91	60.00	90	40.00	88	10.00	87	0.
315	0	100.00	93	80.00	91	50.00	90	40.00	88	20.00	87	0.
318	0	100.00	93	70.00	91	50.00	90	40.00	88	20.00	87	0.
321	94	90.00	93	70.00	92	60.00	90	40.00	89	20.00	87	10.00
324	0	100.00	93	80.00	92	60.00	90	40.00	89	30.00	88	10.00
327	95	90.00	93	70.00	92	60.00	90	40.00	89	30.00	87	10.00
330	94	80.00	92	60.00	91	50.00	89	30.00	88	20.00	87	10.00
333	93	70.00	92	60.00	90	40.00	89	30.00	87	10.00	87	0.
336	92	60.00	91	50.00	90	40.00	88	20.00	87	10.00	86	0.
339	92	60.00	90	40.00	89	30.00	88	20.00	87	10.00	86	0.
342	91	50.00	90	40.00	89	30.00	88	20.00	86	0.	86	0.
345	91	50.00	90	40.00	89	30.00	87	20.00	86	0.	85	0.
348	91	50.00	90	40.00	88	20.00	87	10.00	86	0.	85	0.
351	91	50.00	89	30.00	88	20.00	87	10.00	86	0.	85	0.
354	90	40.00	89	30.00	88	20.00	86	10.00	86	0.	85	0.
357	90	40.00	89	30.00	88	20.00	86	10.00	85	0.	85	0.
360	90	40.00	89	30.00	87	20.00	86	10.00	85	0.	84	0.
AVERAGE SHIELDING		31.33		20.25		12.58		6.50		2.00		0.33
AVERAGE TARGET CONTACT ANGLE		92		91		90		88		87		86

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 5

SHIELDING OF TARGET AT POSITION E
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	0	100.00	90	40.00	89	30.00	88	20.00	87	10.00	86	0.
5	0	100.00	90	30.00	88	20.00	88	20.00	87	10.00	86	0.
7	0	100.00	90	30.00	89	20.00	88	20.00	87	10.00	86	0.
10	0	100.00	90	30.00	89	20.00	88	20.00	87	10.00	86	0.
12	0	100.00	90	30.00	89	20.00	87	10.00	87	0.	86	0.
15	0	100.00	90	30.00	89	20.00	87	10.00	87	0.	86	0.
18	0	100.00	90	30.00	88	20.00	87	10.00	87	0.	86	0.
20	0	100.00	90	30.00	88	20.00	87	10.00	87	0.	86	0.
23	0	100.00	89	30.00	88	20.00	87	10.00	87	0.	86	0.
25	0	100.00	89	20.00	88	10.00	87	0.	86	0.	86	0.
28	0	100.00	89	20.00	88	10.00	87	0.	86	0.	86	0.
30	90	30.00	89	20.00	88	10.00	87	0.	86	0.	86	0.
33	90	30.00	89	20.00	88	10.00	87	0.	86	0.	86	0.
36	91	40.00	90	30.00	88	10.00	87	0.	87	0.	86	0.
38	91	40.00	90	30.00	89	20.00	88	0.	87	0.	86	0.
41	92	50.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
43	92	60.00	91	40.00	90	30.00	88	10.00	88	0.	87	0.
46	0	100.00	91	40.00	90	20.00	88	10.00	88	0.	87	0.
48	92	50.00	90	30.00	89	10.00	88	0.	87	0.	87	0.
51	92	60.00	90	30.00	89	10.00	88	0.	87	0.	86	0.
54	92	60.00	90	40.00	89	10.00	88	0.	87	0.	86	0.
56	92	70.00	90	40.00	89	10.00	88	0.	87	0.	86	0.
59	92	80.00	91	50.00	89	10.00	88	0.	87	0.	86	0.
61	0	100.00	91	60.00	89	20.00	88	0.	87	0.	86	0.
64	0	100.00	0	100.00	90	40.00	88	0.	87	0.	87	0.
66	0	100.00	91	70.00	89	10.00	88	0.	87	0.	86	0.
69	0	100.00	89	0.	88	0.	87	0.	86	0.	85	0.
72	90	30.00	88	0.	88	0.	87	0.	86	0.	85	0.
74	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
77	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
79	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
82	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
84	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
87	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.

TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
90	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
92	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
95	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
97	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
100	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
102	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
105	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
108	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
110	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
113	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
115	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
118	93	0.	92	0.	91	0.	90	0.	89	0.	89	0.
120	93	0.	92	0.	91	0.	90	0.	89	0.	89	0.
123	93	0.	92	0.	91	0.	90	0.	89	0.	89	0.
126	93	0.	92	0.	91	0.	90	0.	89	0.	89	0.
128	93	0.	92	0.	91	0.	90	0.	89	0.	89	0.
131	93	0.	92	0.	91	0.	90	0.	89	0.	89	0.
133	93	0.	92	0.	91	0.	90	0.	89	0.	89	0.
136	93	0.	92	0.	91	0.	90	0.	89	0.	89	0.
138	93	0.	92	0.	91	0.	90	0.	89	0.	89	0.
141	93	0.	92	0.	91	0.	90	0.	90	0.	89	0.
144	93	0.	92	0.	91	0.	90	0.	90	0.	89	0.
146	93	0.	92	0.	91	0.	90	0.	90	0.	89	0.
149	93	0.	92	0.	91	0.	90	0.	90	0.	89	0.
151	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
154	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
156	89	0.	88	0.	87	0.	86	0.	85	0.	85	0.
159	89	0.	88	0.	87	0.	86	0.	85	0.	85	0.
162	89	20.00	88	0.	87	0.	86	0.	85	0.	85	0.
164	89	20.00	88	0.	87	0.	86	0.	85	0.	85	0.
167	89	30.00	88	0.	87	0.	86	0.	85	0.	85	0.
169	89	30.00	88	0.	87	0.	86	0.	85	0.	85	0.
172	89	30.00	88	0.	87	0.	86	0.	85	0.	85	0.
174	89	30.00	88	0.	87	0.	86	0.	85	0.	85	0.

TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
177	89	30.00	88	0.	87	0.	86	0.	85	0.	85	0.
180	89	30.00	88	0.	87	0.	86	0.	85	0.	85	0.
182	89	30.00	88	0.	87	0.	86	0.	85	0.	85	0.
185	89	30.00	88	0.	87	0.	86	0.	85	0.	85	0.
187	89	30.00	88	0.	87	0.	86	0.	85	0.	85	0.
190	89	30.00	88	0.	87	0.	86	0.	85	0.	85	0.
192	89	30.00	88	0.	87	0.	86	0.	85	0.	85	0.
195	89	20.00	88	0.	87	0.	86	0.	85	0.	85	0.
198	89	20.00	88	0.	87	0.	86	0.	85	0.	85	0.
200	89	0.	88	0.	87	0.	86	0.	85	0.	85	0.
203	89	0.	88	0.	87	0.	86	0.	85	0.	85	0.
205	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
208	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
210	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
213	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
216	92	0.	91	0.	90	0.	89	0.	88	0.	88	0.
218	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
221	91	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
223	91	10.00	90	0.	90	0.	89	0.	88	0.	87	0.
226	91	10.00	90	0.	89	0.	89	0.	88	0.	87	0.
228	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
231	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
234	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
236	90	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
239	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
241	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
244	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
246	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
249	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
252	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
254	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
257	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
259	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
262	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.

TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
264	90	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
267	90	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
270	89	10.00	88	0.	88	0.	87	0.	86	0.	85	0.
272	89	20.00	88	0.	88	0.	87	0.	86	0.	85	0.
275	90	30.00	88	0.	88	0.	87	0.	86	0.	85	0.
277	90	40.00	88	0.	88	0.	87	0.	86	0.	85	0.
280	90	40.00	88	0.	87	0.	87	0.	86	0.	85	0.
282	89	20.00	88	0.	87	0.	87	0.	86	0.	85	0.
285	0	100.00	89	0.	88	0.	87	0.	86	0.	85	0.
288	0	100.00	91	70.00	88	0.	88	0.	87	0.	86	0.
290	0	100.00	0	100.00	90	40.00	88	0.	87	0.	87	0.
293	0	100.00	0	100.00	0	100.00	90	40.00	88	0.	88	0.
295	0	100.00	0	100.00	0	100.00	91	70.00	89	30.00	88	0.
298	0	100.00	0	100.00	92	80.00	90	50.00	89	20.00	88	0.
300	0	100.00	0	100.00	92	70.00	90	40.00	89	10.00	88	0.
303	0	100.00	93	90.00	91	60.00	90	40.00	88	10.00	88	0.
306	0	100.00	93	80.00	91	60.00	90	40.00	88	10.00	88	0.
308	0	100.00	93	80.00	91	60.00	90	40.00	89	20.00	88	0.
311	94	90.00	92	70.00	91	60.00	90	40.00	89	20.00	88	10.00
313	0	100.00	93	80.00	92	60.00	90	40.00	89	30.00	88	10.00
316	94	90.00	93	70.00	92	60.00	90	40.00	89	30.00	88	10.00
318	93	80.00	92	60.00	91	50.00	90	30.00	89	20.00	87	10.00
321	92	70.00	91	50.00	90	40.00	89	30.00	88	10.00	87	0.
324	92	60.00	91	50.00	89	30.00	88	20.00	87	10.00	86	0.
326	91	50.00	90	40.00	89	30.00	88	20.00	87	0.	86	0.
329	91	50.00	90	30.00	89	20.00	87	10.00	87	0.	86	0.
331	91	50.00	90	40.00	88	20.00	87	10.00	87	0.	86	0.
334	0	100.00	90	40.00	88	20.00	87	10.00	87	0.	86	0.
336	0	100.00	90	30.00	89	20.00	87	10.00	87	0.	86	0.
339	0	100.00	90	40.00	89	30.00	88	20.00	87	10.00	86	0.
342	0	100.00	90	40.00	89	30.00	88	20.00	87	10.00	86	0.
344	0	100.00	90	40.00	89	30.00	88	20.00	87	10.00	86	0.
347	0	100.00	90	40.00	89	30.00	88	20.00	87	10.00	86	0.
349	0	100.00	90	40.00	89	30.00	88	20.00	87	10.00	86	0.

TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
352	0	100.00	90	40.00	89	30.00	88	20.00	87	10.00	86	0.
354	0	100.00	90	40.00	89	30.00	88	20.00	87	10.00	86	0.
357	0	100.00	90	40.00	89	30.00	88	20.00	87	10.00	86	0.
360	0	100.00	90	40.00	89	30.00	88	20.00	86	10.00	86	0.
AVERAGE SHIELDING		40.29		19.21		12.14		6.57		2.50		0.29
AVERAGE TARGET CONTACT ANGLE		91		90		89		88		87		86

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 5

SHIELDING OF TARGET AT POSITION E
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	0	100,00	0	100,00	90	40,00	89	30,00	88	20,00	87	10,00
4	0	100,00	0	100,00	89	30,00	89	30,00	88	20,00	87	10,00
6	0	100,00	0	100,00	89	30,00	89	20,00	88	20,00	87	10,00
9	0	100,00	0	100,00	90	30,00	89	20,00	88	20,00	87	10,00
11	0	100,00	0	100,00	90	30,00	89	20,00	88	20,00	87	10,00
13	0	100,00	0	100,00	90	30,00	89	20,00	88	10,00	87	10,00
15	0	100,00	0	100,00	90	30,00	89	20,00	88	10,00	87	10,00
18	0	100,00	0	100,00	90	30,00	89	20,00	88	10,00	87	10,00
20	0	100,00	0	100,00	89	30,00	89	20,00	88	10,00	87	0,
22	0	100,00	91	70,00	89	30,00	88	20,00	88	10,00	87	0,
24	0	100,00	91	70,00	89	20,00	88	20,00	88	10,00	87	0,
27	0	100,00	90	30,00	89	20,00	88	10,00	87	10,00	87	0,
29	0	100,00	90	30,00	89	20,00	88	10,00	87	0,	87	0,
31	0	100,00	90	30,00	89	20,00	88	10,00	87	0,	87	0,
33	0	100,00	90	30,00	89	20,00	88	10,00	87	0,	87	0,
36	0	100,00	90	30,00	89	20,00	88	10,00	87	0,	86	0,
38	0	100,00	90	30,00	89	20,00	88	0,	87	0,	86	0,
40	91	70,00	89	20,00	88	10,00	88	0,	87	0,	86	0,
42	90	30,00	89	20,00	88	10,00	87	0,	87	0,	86	0,
45	90	30,00	89	20,00	88	10,00	88	0,	87	0,	86	0,
47	90	30,00	89	20,00	89	10,00	88	0,	87	0,	86	0,
49	91	50,00	90	30,00	89	10,00	88	0,	88	0,	87	0,
51	0	100,00	91	40,00	89	20,00	88	0,	88	0,	87	0,
54	0	100,00	90	40,00	89	20,00	88	0,	88	0,	87	0,
56	91	60,00	90	30,00	89	10,00	88	0,	87	0,	87	0,
58	91	60,00	90	40,00	89	10,00	88	0,	87	0,	87	0,
60	91	70,00	90	40,00	89	10,00	88	0,	87	0,	87	0,
63	92	90,00	90	50,00	89	20,00	88	0,	87	0,	87	0,
65	0	100,00	91	70,00	89	20,00	88	0,	87	0,	87	0,
67	0	100,00	91	80,00	89	30,00	88	0,	88	0,	87	0,
69	0	100,00	90	40,00	89	0,	88	0,	87	0,	86	0,
72	0	100,00	89	0,	88	0,	87	0,	87	0,	86	0,
74	89	0,	88	0,	88	0,	87	0,	86	0,	86	0,
76	89	0,	88	0,	88	0,	87	0,	86	0,	86	0,

TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
78	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
81	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
83	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
85	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
87	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
90	90	0.	90	0.	89	0.	88	0.	88	0.	87	0.
92	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
94	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
96	91	0.	90	0.	90	0.	89	0.	88	0.	88	0.
99	92	10.00	91	0.	90	0.	89	0.	89	0.	88	0.
101	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
103	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
105	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
108	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
110	92	0.	91	0.	91	0.	90	0.	89	0.	89	0.
112	92	0.	91	0.	91	0.	90	0.	89	0.	89	0.
114	92	0.	91	0.	91	0.	90	0.	89	0.	89	0.
117	92	0.	91	0.	91	0.	90	0.	89	0.	89	0.
119	92	0.	91	0.	91	0.	90	0.	89	0.	89	0.
121	92	0.	92	0.	91	0.	90	0.	89	0.	89	0.
123	92	0.	92	0.	91	0.	90	0.	90	0.	89	0.
126	93	0.	92	0.	91	0.	90	0.	90	0.	89	0.
128	93	0.	92	0.	91	0.	90	0.	90	0.	89	0.
130	92	0.	92	0.	91	0.	90	0.	90	0.	89	0.
132	92	0.	92	0.	91	0.	90	0.	90	0.	89	0.
135	92	0.	92	0.	91	0.	90	0.	90	0.	89	0.
137	0	100.00	92	0.	91	0.	90	0.	90	0.	89	0.
139	91	0.	91	0.	90	0.	89	0.	89	0.	88	0.
141	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
144	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
146	89	20.00	88	0.	87	0.	87	0.	86	0.	85	0.
148	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
150	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
153	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.

TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
155	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
157	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
159	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
162	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
164	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
166	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
168	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
171	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
173	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
175	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
177	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
180	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
182	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
184	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
186	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
189	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
191	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
193	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
195	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
198	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
200	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
202	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
204	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
207	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
209	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
211	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
213	89	20.00	88	0.	87	0.	87	0.	86	0.	85	0.
216	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
218	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
220	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
222	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
225	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
227	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
229	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.

TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
231	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
234	90	0.	90	0.	89	0.	88	0.	88	0.	87	0.
236	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
238	91	30.00	89	0.	89	0.	88	0.	87	0.	87	0.
240	91	50.00	89	0.	89	0.	88	0.	87	0.	86	0.
243	90	30.00	89	0.	88	0.	88	0.	87	0.	86	0.
245	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
247	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
249	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
252	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
254	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
256	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
258	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
261	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
263	91	60.00	89	0.	88	0.	87	0.	87	0.	86	0.
265	90	40.00	89	0.	88	0.	87	0.	87	0.	86	0.
267	91	90.00	89	0.	88	0.	87	0.	87	0.	86	0.
270	0	100.00	89	0.	88	0.	87	0.	87	0.	86	0.
272	90	60.00	89	0.	88	0.	87	0.	86	0.	86	0.
274	0	100.00	89	0.	88	0.	87	0.	87	0.	86	0.
276	91	90.00	89	0.	88	0.	87	0.	87	0.	86	0.
279	91	90.00	89	0.	88	0.	87	0.	86	0.	86	0.
281	91	70.00	89	0.	88	0.	87	0.	86	0.	86	0.
283	0	100.00	90	40.00	88	0.	88	0.	87	0.	86	0.
285	0	100.00	0	100.00	89	20.00	88	0.	87	0.	87	0.
288	0	100.00	0	100.00	90	60.00	89	0.	88	0.	87	0.
290	0	100.00	0	100.00	0	100.00	90	60.00	89	10.00	88	0.
292	0	100.00	0	100.00	0	100.00	91	80.00	90	40.00	88	0.
294	0	100.00	0	100.00	92	90.00	91	60.00	89	30.00	88	0.
297	0	100.00	0	100.00	92	80.00	90	50.00	89	20.00	88	0.
299	0	100.00	93	90.00	91	70.00	90	40.00	89	20.00	88	0.
301	0	100.00	93	90.00	91	60.00	90	40.00	89	20.00	88	0.
303	0	100.00	92	80.00	91	60.00	90	40.00	89	20.00	88	0.
306	0	100.00	93	80.00	91	60.00	90	40.00	89	20.00	88	10.00

TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
308	0	100.00	93	80.00	92	60.00	90	40.00	89	30.00	88	10.00
310	93	80.00	92	70.00	91	50.00	90	40.00	89	20.00	88	10.00
312	92	70.00	91	50.00	90	40.00	89	30.00	88	10.00	87	0.
315	92	60.00	90	40.00	90	30.00	89	20.00	88	10.00	87	0.
317	91	50.00	90	40.00	89	30.00	88	10.00	87	0.	87	0.
319	91	50.00	90	30.00	89	20.00	88	10.00	87	0.	86	0.
321	91	50.00	90	40.00	89	20.00	88	10.00	87	0.	86	0.
324	0	100.00	90	40.00	89	30.00	88	20.00	87	10.00	86	0.
326	0	100.00	90	40.00	89	30.00	88	20.00	87	10.00	87	0.
328	0	100.00	90	40.00	89	30.00	88	20.00	87	10.00	87	0.
330	0	100.00	90	40.00	89	30.00	88	20.00	87	10.00	87	0.
333	0	100.00	90	40.00	89	30.00	88	20.00	87	10.00	87	0.
335	0	100.00	90	40.00	89	30.00	88	20.00	87	10.00	87	0.
337	0	100.00	90	40.00	89	30.00	88	20.00	87	10.00	87	0.
339	0	100.00	90	40.00	89	30.00	88	20.00	87	10.00	86	0.
342	0	100.00	90	40.00	89	30.00	88	20.00	87	10.00	86	0.
344	0	100.00	90	40.00	89	30.00	88	20.00	87	10.00	86	10.00
346	0	100.00	90	40.00	89	30.00	88	20.00	87	10.00	86	10.00
348	0	100.00	90	40.00	89	30.00	88	20.00	87	10.00	86	10.00
351	0	100.00	90	40.00	89	30.00	88	30.00	88	20.00	87	10.00
353	0	100.00	90	50.00	89	40.00	89	30.00	88	20.00	87	10.00
355	0	100.00	91	80.00	90	40.00	89	30.00	88	20.00	87	10.00
357	0	100.00	91	90.00	90	40.00	89	30.00	88	20.00	87	10.00
360	0	100.00	0	100.00	90	40.00	89	30.00	88	20.00	87	10.00
AVERAGE SHIELDING		49.25		24.56		13.37		7.81		4.00		1.19
AVERAGE TARGET CONTACT ANGLE		90		90		89		88		87		87

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE 2
A-2

TABLE 6

SHIELDING OF TARGET AT POSITION A
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
18	96	30,00	87	0,	81	0,	76	0,	71	0,	66	0,
36	91	10,00	85	0,	80	0,	74	0,	69	0,	64	0,
54	90	0,	84	0,	78	0,	73	0,	68	0,	63	0,
72	90	0,	84	0,	78	0,	73	0,	68	0,	63	0,
90	91	0,	85	0,	80	0,	74	0,	69	0,	64	0,
108	92	0,	86	0,	80	0,	75	0,	70	0,	65	0,
126	97	20,00	90	0,	84	0,	78	0,	73	0,	68	0,
144	98	10,00	92	0,	87	0,	81	0,	76	0,	70	0,
162	101	10,00	95	0,	89	0,	84	0,	78	0,	73	0,
180	91	0,	85	0,	80	0,	74	0,	69	0,	64	0,
198	101	10,00	96	0,	90	0,	84	0,	79	0,	73	0,
216	100	10,00	94	0,	88	0,	83	0,	77	0,	72	0,
234	97	10,00	91	0,	85	0,	80	0,	74	0,	69	0,
252	94	0,	88	0,	82	0,	77	0,	71	0,	66	0,
270	92	0,	86	0,	81	0,	75	0,	70	0,	65	0,
288	92	0,	86	0,	81	0,	75	0,	70	0,	65	0,
306	92	0,	86	0,	80	0,	75	0,	70	0,	65	0,
324	94	20,00	87	0,	81	0,	76	0,	70	0,	66	0,
342	97	30,00	88	0,	82	0,	77	0,	71	0,	66	0,
360	99	40,00	88	0,	82	0,	77	0,	71	0,	66	0,
AVERAGE SHIELDING		10,00		0,		0,		0,		0,		0,
AVERAGE TARGET CONTACT ANGLE		95		88		83		77		72		67

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

5

2

TABLE 6

SHIELDING OF TARGET AT POSITION A
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
9	95	20,00	91	0,	88	0,	86	0,	83	0,	80	0,
18	95	20,00	91	0,	88	0,	85	0,	82	0,	80	0,
27	95	20,00	91	0,	88	0,	85	0,	82	0,	79	0,
36	95	30,00	90	0,	88	0,	85	0,	82	0,	79	0,
45	94	30,00	90	0,	87	0,	84	0,	81	0,	78	0,
54	94	40,00	89	0,	86	0,	83	0,	80	0,	77	0,
63	93	40,00	87	0,	84	0,	82	0,	79	0,	76	0,
72	89	0,	86	0,	83	0,	81	0,	78	0,	75	0,
81	89	0,	86	0,	83	0,	81	0,	78	0,	75	0,
90	90	0,	87	0,	85	0,	82	0,	79	0,	76	0,
99	90	10,00	87	0,	84	0,	82	0,	79	0,	76	0,
108	93	20,00	89	0,	86	0,	83	0,	81	0,	78	0,
117	94	20,00	91	0,	88	0,	85	0,	82	0,	79	0,
126	95	10,00	92	0,	89	0,	87	0,	84	0,	81	0,
135	96	0,	93	0,	90	0,	87	0,	84	0,	82	0,
144	96	0,	93	0,	90	0,	87	0,	85	0,	82	0,
153	96	0,	93	0,	90	0,	87	0,	84	0,	82	0,
162	96	0,	93	0,	90	0,	87	0,	84	0,	82	0,
171	96	0,	93	0,	90	0,	87	0,	85	0,	82	0,
180	96	0,	93	0,	90	0,	88	0,	85	0,	82	0,
189	96	0,	94	0,	91	0,	88	0,	85	0,	82	0,
198	97	0,	94	0,	91	0,	88	0,	85	0,	83	0,
207	97	0,	95	0,	92	0,	89	0,	86	0,	83	0,
216	96	0,	95	0,	92	0,	90	0,	87	0,	84	0,
225	98	10,00	95	0,	93	0,	90	0,	87	0,	84	0,
234	99	30,00	95	0,	92	0,	89	0,	86	0,	83	0,
243	97	30,00	93	0,	90	0,	87	0,	84	0,	81	0,
252	94	20,00	91	0,	88	0,	85	0,	82	0,	79	0,
261	92	0,	89	0,	86	0,	83	0,	81	0,	78	0,
270	91	0,	89	0,	86	0,	83	0,	80	0,	77	0,
279	91	0,	88	0,	86	0,	83	0,	80	0,	77	0,
288	91	10,00	89	0,	86	0,	83	0,	80	0,	77	0,
297	96	50,00	90	0,	87	0,	84	0,	81	0,	78	0,
306	96	40,00	91	0,	88	0,	85	0,	82	0,	80	0,

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TABLE 6 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
315	97	40,00	92	0,	89	0,	86	0,	83	0,	80	0,
324	97	30,00	92	0,	89	0,	86	0,	84	0,	82	0,
333	96	20,00	92	0,	89	0,	86	0,	84	0,	81	0,
342	96	20,00	92	0,	89	0,	86	0,	83	0,	81	0,
351	95	20,00	92	0,	89	0,	86	0,	83	0,	80	0,
360	95	20,00	92	0,	89	0,	86	0,	83	0,	80	0,
AVERAGE SHIELDING		15,00		0,		0,		0,		0,		0,
AVERAGE TARGET CONTACT ANGLE		95		91		88		85		83		80

• 90 MEANS NORMAL CONTACT, 0 MEANS NO CONTACT
•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 6

SHIELDING OF TARGET AT POSITION A
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
6	92	0.	90	0.	88	0.	86	0.	84	0.	82	0.
12	91	0.	89	0.	88	0.	86	0.	84	0.	82	0.
18	91	10.00	89	0.	88	0.	86	0.	84	0.	82	0.
24	91	10.00	89	0.	88	0.	86	0.	84	0.	82	0.
30	91	10.00	90	0.	88	0.	86	0.	84	0.	82	0.
36	91	10.00	89	0.	88	0.	86	0.	84	0.	82	0.
42	91	10.00	90	0.	88	0.	86	0.	84	0.	82	0.
48	91	10.00	89	0.	87	0.	86	0.	84	0.	82	0.
54	92	20.00	89	0.	87	0.	85	0.	83	0.	82	0.
60	91	20.00	89	0.	87	0.	85	0.	83	0.	81	0.
66	91	30.00	88	0.	86	0.	84	0.	82	0.	81	0.
72	89	10.00	87	0.	85	0.	83	0.	82	0.	80	0.
78	89	10.00	87	0.	85	0.	83	0.	81	0.	79	0.
84	89	0.	87	0.	85	0.	83	0.	81	0.	79	0.
90	89	0.	87	0.	85	0.	83	0.	81	0.	79	0.
96	90	10.00	88	0.	86	0.	84	0.	82	0.	80	0.
102	91	20.00	89	0.	87	0.	85	0.	83	0.	81	0.
108	92	0.	90	0.	88	0.	86	0.	84	0.	82	0.
114	92	0.	90	0.	89	0.	87	0.	85	0.	83	0.
120	93	0.	91	0.	89	0.	87	0.	85	0.	83	0.
126	93	0.	91	0.	89	0.	87	0.	85	0.	84	0.
132	93	0.	91	0.	89	0.	88	0.	86	0.	84	0.
138	93	0.	91	0.	90	0.	88	0.	86	0.	84	0.
144	93	0.	92	0.	90	0.	88	0.	86	0.	84	0.
150	93	0.	92	0.	90	0.	88	0.	86	0.	84	0.
156	93	0.	92	0.	90	0.	88	0.	86	0.	84	0.
162	93	0.	92	0.	90	0.	88	0.	86	0.	84	0.
168	93	0.	92	0.	90	0.	88	0.	86	0.	84	0.
174	93	0.	92	0.	90	0.	88	0.	86	0.	84	0.
180	93	0.	92	0.	90	0.	88	0.	86	0.	84	0.
186	94	0.	92	0.	90	0.	88	0.	86	0.	84	0.
192	94	0.	92	0.	90	0.	88	0.	86	0.	84	0.
198	94	0.	92	0.	90	0.	88	0.	86	0.	84	0.
204	94	0.	92	0.	90	0.	88	0.	86	0.	84	0.

TABLE 6 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
210	94	0,	92	0,	90	0,	88	0,	87	0,	85	0,
216	94	0,	93	0,	91	0,	89	0,	87	0,	85	0,
222	95	0,	93	0,	91	0,	89	0,	87	0,	85	0,
228	95	0,	93	0,	91	0,	89	0,	87	0,	85	0,
234	95	0,	93	0,	91	0,	89	0,	88	0,	86	0,
240	95	10,00	94	0,	92	0,	90	0,	88	0,	86	0,
246	95	10,00	93	0,	91	0,	89	0,	87	0,	85	0,
252	94	20,00	92	0,	90	0,	88	0,	86	0,	84	0,
258	92	10,00	91	0,	89	0,	87	0,	85	0,	83	0,
264	92	0,	90	0,	88	0,	86	0,	84	0,	82	0,
270	91	0,	89	0,	87	0,	85	0,	83	0,	82	0,
276	91	0,	89	0,	87	0,	85	0,	83	0,	82	0,
282	91	0,	89	0,	88	0,	86	0,	84	0,	82	0,
288	96	70,00	90	0,	88	0,	87	0,	85	0,	83	0,
294	97	80,00	91	0,	89	0,	88	0,	86	0,	84	0,
300	99	90,00	92	10,00	90	0,	88	0,	86	0,	85	0,
306	95	30,00	92	10,00	90	0,	89	0,	87	0,	85	0,
312	94	20,00	92	0,	90	0,	88	0,	86	0,	84	0,
318	93	10,00	91	0,	90	0,	88	0,	86	0,	84	0,
324	93	10,00	91	0,	89	0,	87	0,	86	0,	84	0,
330	93	10,00	91	0,	89	0,	87	0,	85	0,	83	0,
336	93	10,00	91	0,	89	0,	87	0,	85	0,	83	0,
342	92	10,00	90	0,	88	0,	87	0,	85	0,	83	0,
348	92	0,	90	0,	88	0,	86	0,	84	0,	82	0,
354	92	10,00	90	0,	88	0,	86	0,	84	0,	82	0,
360	92	0,	90	0,	88	0,	86	0,	84	0,	82	0,
AVERAGE SHIELDING		9,67		0,33		0,		0,		0,		0,
AVERAGE TARGET CONTACT ANGLE		93		91		89		87		85		83

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 6

SHIELDING OF TARGET AT POSITION A

RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
4	90	0	88	0	87	0	85	0	84	0	83	0
9	90	0	88	0	87	0	85	0	84	0	83	0
13	90	0	88	0	87	0	85	0	84	0	83	0
18	90	0	88	0	87	0	85	0	84	0	82	0
22	90	0	88	0	87	0	85	0	84	0	83	0
27	90	0	88	0	87	0	85	0	84	0	83	0
31	90	0	88	0	87	0	85	0	84	0	83	0
36	90	0	88	0	87	0	85	0	84	0	83	0
40	90	0	88	0	87	0	86	0	84	0	83	0
45	90	0	88	0	87	0	85	0	84	0	83	0
49	90	0	88	0	87	0	85	0	84	0	83	0
54	90	0	88	0	87	0	85	0	84	0	82	0
58	89	0	88	0	86	0	85	0	84	0	82	0
63	89	0	88	0	86	0	85	0	83	0	82	0
67	89	0	88	0	86	0	85	0	83	0	82	0
72	89	10,000	88	0	86	0	85	0	83	0	82	0
76	89	20,000	88	0	86	0	85	0	83	0	82	0
81	89	0	87	0	86	0	84	0	83	0	82	0
85	89	0	87	0	86	0	84	0	83	0	82	0
90	89	0	87	0	86	0	84	0	83	0	82	0
94	89	10,00	88	0	86	0	85	0	84	0	82	0
99	90	0	88	0	87	0	86	0	84	0	83	0
103	91	0	89	0	88	0	86	0	85	0	84	0
108	91	0	90	0	88	0	87	0	85	0	84	0
112	92	0	90	0	89	0	87	0	86	0	84	0
117	92	0	90	0	89	0	87	0	86	0	85	0
121	92	0	91	0	89	0	88	0	86	0	85	0
126	92	0	91	0	89	0	88	0	86	0	85	0
130	92	0	91	0	89	0	88	0	86	0	85	0
135	92	0	91	0	89	0	88	0	86	0	85	0
139	92	0	91	0	89	0	88	0	87	0	85	0
144	92	0	91	0	89	0	88	0	87	0	85	0
148	92	0	91	0	89	0	88	0	87	0	85	0
153	92	0	91	0	89	0	88	0	87	0	85	0

TABLE 6 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
157	92	0,	91	0,	89	0,	88	0,	86	0,	85	0,
162	92	0,	91	0,	89	0,	88	0,	86	0,	85	0,
166	92	0,	91	0,	89	0,	88	0,	86	0,	85	0,
171	92	0,	91	0,	89	0,	88	0,	86	0,	85	0,
175	92	0,	91	0,	89	0,	88	0,	86	0,	85	0,
180	92	0,	90	0,	89	0,	88	0,	86	0,	85	0,
184	92	0,	90	0,	89	0,	88	0,	86	0,	85	0,
189	92	0,	90	0,	89	0,	88	0,	86	0,	85	0,
193	92	0,	90	0,	89	0,	88	0,	86	0,	85	0,
198	92	0,	90	0,	89	0,	88	0,	86	0,	85	0,
202	92	0,	91	0,	89	0,	88	0,	86	0,	85	0,
207	92	0,	91	0,	89	0,	88	0,	86	0,	85	0,
211	92	0,	91	0,	89	0,	88	0,	86	0,	85	0,
216	92	0,	91	0,	89	0,	88	0,	87	0,	85	0,
220	93	0,	91	0,	90	0,	88	0,	87	0,	85	0,
225	93	0,	91	0,	90	0,	88	0,	87	0,	86	0,
229	93	0,	92	0,	90	0,	89	0,	87	0,	86	0,
234	93	0,	92	0,	90	0,	89	0,	88	0,	86	0,
238	94	0,	92	0,	91	0,	89	0,	88	0,	86	0,
243	94	0,	92	0,	91	0,	89	0,	88	0,	86	0,
247	94	0,	92	0,	91	0,	89	0,	88	0,	86	0,
252	93	0,	92	0,	90	0,	89	0,	87	0,	86	0,
256	92	0,	91	0,	90	0,	88	0,	87	0,	85	0,
261	92	0,	90	0,	89	0,	87	0,	86	0,	85	0,
265	91	0,	90	0,	88	0,	87	0,	85	0,	84	0,
270	91	0,	89	0,	88	0,	87	0,	85	0,	84	0,
274	91	0,	89	0,	88	0,	87	0,	85	0,	84	0,
279	91	0,	90	0,	88	0,	87	0,	85	0,	84	0,
283	93	40,00	91	0,	89	0,	88	0,	86	0,	85	0,
288	94	50,00	91	0,	90	0,	88	0,	87	0,	86	0,
292	98	90,00	94	30,00	91	0,	90	0,	88	0,	87	0,
297	0	100,00	94	30,00	92	10,00	91	0,	89	0,	88	0,
301	0	100,00	95	30,00	92	10,00	91	0,	89	0,	88	0,
306	0	100,00	93	10,00	92	0,	90	0,	89	0,	87	0,

TABLE 6 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
310	94	20.00	92	0.	91	0.	89	0.	88	0%	86	0.
315	96	80.00	92	0.	90	0.	89	0.	87	0%	86	0.
319	92	10.00	91	0.	89	0.	88	0.	87	0%	85	0.
324	92	0.	90	0.	89	0.	88	0.	86	0%	85	0.
328	91	0.	90	0.	88	0.	87	0.	86	0%	84	0.
333	91	0.	89	0.	88	0.	87	0.	85	0%	84	0.
337	91	0.	89	0.	88	0.	86	0.	85	0%	84	0.
342	90	0.	89	0.	88	0.	86	0.	85	0%	83	0.
346	90	0.	89	0.	87	0.	86	0.	85	0%	83	0.
351	90	0.	89	0.	87	0.	86	0.	84	0%	83	0.
355	90	0.	89	0.	87	0.	86	0.	84	0%	83	0.
360	90	0.	88	0.	87	0.	86	0.	84	0%	83	0.
AVERAGE SHIELDING		7.87		1.25		0.25		0.		0%		0.
AVERAGE TARGET CONTACT ANGLE		91		90		89		87		86		84

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 6

SHIELDING OF TARGET AT POSITION A
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT BF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
3	89	0.	88	0.	87	0.	86	0.	85	0.	83	0.
7	89	0.	88	0.	87	0.	86	0.	84	0.	83	0.
10	89	0.	88	0.	87	0.	85	0.	84	0.	83	0.
14	89	0.	88	0.	87	0.	85	0.	84	0.	83	0.
18	89	0.	88	0.	87	0.	85	0.	84	0.	83	0.
21	89	0.	88	0.	87	0.	85	0.	84	0.	83	0.
25	89	0.	88	0.	86	0.	85	0.	84	0.	83	0.
28	89	0.	88	0.	86	0.	85	0.	84	0.	83	0.
32	89	0.	88	0.	86	0.	85	0.	84	0.	83	0.
36	89	0.	88	0.	86	0.	85	0.	84	0.	83	0.
39	89	0.	88	0.	86	0.	85	0.	84	0.	83	0.
43	89	0.	88	0.	86	0.	85	0.	84	0.	83	0.
46	89	0.	88	0.	86	0.	85	0.	84	0.	83	0.
50	89	0.	88	0.	86	0.	85	0.	84	0.	83	0.
54	89	0.	88	0.	86	0.	85	0.	84	0.	83	0.
57	89	0.	87	0.	86	0.	85	0.	84	0.	83	0.
61	89	0.	87	0.	86	0.	85	0.	84	0.	83	0.
64	89	0.	87	0.	86	0.	85	0.	84	0.	83	0.
68	89	0.	87	0.	86	0.	85	0.	84	0.	83	0.
72	89	0.	87	0.	86	0.	85	0.	84	0.	83	0.
75	89	0.	88	0.	87	0.	85	0.	84	0.	83	0.
79	89	20.00	88	0.	87	0.	85	0.	84	0.	83	0.
82	89	0.	87	0.	86	0.	85	0.	84	0.	83	0.
86	89	0.	88	0.	86	0.	85	0.	84	0.	83	0.
90	89	0.	88	0.	86	0.	85	0.	84	0.	83	0.
93	89	10.00	88	0.	87	0.	86	0.	85	0.	83	0.
97	90	10.00	89	0.	87	0.	86	0.	85	0.	84	0.
100	90	10.00	89	0.	88	0.	87	0.	86	0.	84	0.
104	91	0.	89	0.	88	0.	87	0.	86	0.	85	0.
108	91	0.	90	0.	89	0.	87	0.	86	0.	85	0.
111	91	0.	90	0.	89	0.	88	0.	86	0.	85	0.
115	91	0.	90	0.	89	0.	88	0.	87	0.	85	0.
118	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
122	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.

TABLE 6 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
126	92	0,	90	0,	89	0,	88	0,	87	0,	86	0,
129	92	0,	90	0,	89	0,	88	0,	87	0,	86	0,
133	92	0,	90	0,	89	0,	88	0,	87	0,	86	0,
136	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
140	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
144	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
147	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
151	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
154	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
158	91	0,	90	0,	89	0,	88	0,	87	0,	85	0,
162	91	0,	90	0,	89	0,	88	0,	86	0,	85	0,
165	91	0,	90	0,	89	0,	87	0,	86	0,	85	0,
169	91	0,	90	0,	88	0,	87	0,	86	0,	85	0,
172	91	0,	89	0,	88	0,	87	0,	86	0,	85	0,
176	91	0,	89	0,	88	0,	87	0,	86	0,	85	0,
180	90	0,	89	0,	88	0,	87	0,	86	0,	85	0,
183	91	0,	89	0,	88	0,	87	0,	86	0,	85	0,
187	90	0,	89	0,	88	0,	87	0,	86	0,	85	0,
190	91	0,	89	0,	88	0,	87	0,	86	0,	85	0,
194	91	0,	89	0,	88	0,	87	0,	86	0,	85	0,
198	91	0,	90	0,	88	0,	87	0,	86	0,	85	0,
201	91	0,	90	0,	88	0,	87	0,	86	0,	85	0,
205	91	0,	90	0,	89	0,	87	0,	86	0,	85	0,
208	91	0,	90	0,	89	0,	88	0,	86	0,	85	0,
212	91	0,	90	0,	89	0,	88	0,	86	0,	85	0,
216	91	0,	90	0,	89	0,	88	0,	87	0,	85	0,
219	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
223	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
226	92	0,	90	0,	89	0,	88	0,	87	0,	86	0,
230	92	0,	91	0,	89	0,	88	0,	87	0,	86	0,
234	92	0,	91	0,	90	0,	89	0,	87	0,	86	0,
237	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,
241	93	0,	91	0,	90	0,	89	0,	88	0,	87	0,
244	93	0,	92	0,	90	0,	89	0,	88	0,	87	0,

TABLE 6 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
248	93	0.	92	0.	90	0.	89	0.	88	0.	87	0.
252	93	0.	92	0.	90	0.	89	0.	88	0.	87	0.
255	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
259	92	0.	91	0.	90	0.	88	0.	87	0.	86	0.
262	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
266	91	0.	90	0.	89	0.	87	0.	86	0.	85	0.
270	91	0.	90	0.	89	0.	87	0.	86	0.	85	0.
273	91	0.	90	0.	88	0.	87	0.	86	0.	85	0.
277	91	10.00	90	0.	89	0.	88	0.	86	0.	85	0.
280	93	50.00	91	0.	89	0.	88	0.	87	0.	86	0.
284	93	40.00	91	0.	90	0.	89	0.	88	0.	87	0.
288	94	50.00	92	10.00	91	0.	89	0.	88	0.	87	0.
291	94	30.00	92	10.00	91	0.	90	0.	89	0.	87	0.
295	94	30.00	92	10.00	91	0.	90	0.	89	0.	88	0.
298	95	30.00	93	20.00	92	0.	91	0.	89	0.	88	0.
302	95	30.00	93	20.00	92	0.	91	0.	89	0.	88	0.
306	95	20.00	93	10.00	92	10.00	91	0.	90	0.	88	0.
309	95	30.00	93	10.00	92	0.	90	0.	89	0.	88	0.
313	93	10.00	92	0.	91	0.	90	0.	88	0.	87	0.
316	94	50.00	92	0.	90	0.	89	0.	88	0.	87	0.
320	92	0.	90	0.	89	0.	88	0.	87	0.	86	0.
324	91	0.	90	0.	89	0.	88	0.	87	0.	85	0.
327	91	0.	90	0.	89	0.	87	0.	86	0.	85	0.
331	91	0.	89	0.	88	0.	87	0.	86	0.	85	0.
334	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
338	90	0.	89	0.	88	0.	87	0.	85	0.	84	0.
342	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
345	90	0.	89	0.	87	0.	86	0.	85	0.	84	0.
349	90	0.	88	0.	87	0.	86	0.	85	0.	84	0.
352	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
356	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
360	89	0.	88	0.	87	0.	86	0.	85	0.	83	0.
AVERAGE SHIELDING		4.30		0.90		0.10		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		90		88		87		86		85

* 90 MEANS NORMAL CONTACT, 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 5

SHIELDING OF TARGET AT POSITION A
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
6	89	10.00	88	0.	87	0.	86	0.	85	0.	84	0.
9	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
12	88	0.	88	0.	87	0.	86	0.	85	0.	84	0.
15	88	0.	87	0.	86	0.	85	0.	85	0.	84	0.
18	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
21	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
24	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
27	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
30	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
33	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
36	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
39	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
42	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
45	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
48	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
51	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
54	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
57	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
60	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
63	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
66	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
69	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
72	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
75	88	0.	87	0.	86	0.	86	0.	85	0.	84	0.
78	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
81	89	20.00	88	0.	87	0.	86	0.	85	0.	84	0.
84	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
87	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
90	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
93	89	20.00	88	0.	87	0.	86	0.	85	0.	84	0.
96	90	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
99	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
102	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.

TABLE 6 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
105	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
108	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
111	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
114	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
117	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
120	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
123	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
126	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
129	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
132	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
135	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
138	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
141	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
144	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
147	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
150	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
153	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
156	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
159	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
162	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
165	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
168	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
171	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
174	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
177	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
180	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
183	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
186	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
189	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
192	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
195	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
198	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
201	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
204	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.

TABLE 6 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
207	90	0,	89	0,	88	0,	87	0,	86	0,	85	0,
210	90	0,	89	0,	88	0,	87	0,	86	0,	85	0,
213	90	0,	89	0,	88	0,	87	0,	86	0,	86	0,
216	90	0,	89	0,	89	0,	88	0,	87	0,	86	0,
219	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
222	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
225	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
228	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
231	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
234	91	0,	90	0,	89	0,	88	0,	88	0,	87	0,
237	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,
240	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,
243	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,
246	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,
249	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,
252	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,
255	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,
258	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,
261	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,
264	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
267	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
270	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
273	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
276	91	10,00	90	0,	89	0,	88	0,	87	0,	86	0,
279	93	50,00	91	0,	90	0,	89	0,	88	0,	87	0,
282	93	50,00	91	0,	90	0,	89	0,	88	0,	87	0,
285	93	40,00	92	10,00	91	0,	90	0,	89	0,	88	0,
288	93	30,00	92	10,00	91	0,	90	0,	89	0,	88	0,
291	93	20,00	92	10,00	91	0,	90	0,	89	0,	88	0,
294	93	20,00	92	10,00	91	0,	90	0,	89	0,	88	0,
297	93	20,00	92	10,00	91	0,	90	0,	89	0,	88	0,
300	93	20,00	92	10,00	91	0,	90	0,	89	0,	88	0,
303	93	10,00	92	10,00	91	0,	90	0,	89	0,	88	0,
306	93	10,00	92	10,00	91	0,	90	0,	89	0,	88	0,

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TABLE 6 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
309	93	10,00	92	10,00	91	0,	90	0,	89	0,	88	0,
312	92	10,00	91	0,	91	0,	90	0,	89	0,	88	0,
315	92	10,00	91	0,	90	0,	89	0,	88	0,	87	0,
318	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,
321	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
324	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
327	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
330	90	0,	90	0,	89	0,	88	0,	87	0,	86	0,
333	90	10,00	89	0,	88	0,	87	0,	86	0,	86	0,
336	90	0,	89	0,	88	0,	87	0,	86	0,	85	0,
339	90	20,00	89	0,	88	0,	87	0,	86	0,	85	0,
342	90	0,	89	0,	88	0,	87	0,	86	0,	85	0,
345	90	0,	89	0,	88	0,	87	0,	86	0,	85	0,
348	89	0,	89	0,	88	0,	87	0,	86	0,	85	0,
351	89	0,	88	0,	87	0,	87	0,	86	0,	85	0,
354	89	0,	88	0,	87	0,	86	0,	85	0,	84	0,
357	89	10,00	88	0,	87	0,	86	0,	85	0,	84	0,
360	89	0,	88	0,	87	0,	86	0,	85	0,	84	0,
AVERAGE SHIELDING		3,58		0,75		0,		0,		0,		0,
AVERAGE TARGET CONTACT ANGLE		·90		89		88		87		86		85

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 6

SHIELDING OF TARGET AT POSITION A

RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	89	30,00	88	0,	87	0,	86	0,	86	0,	85	0,
5	90	70,00	88	0,	87	0,	86	0,	86	0,	85	0,
7	90	50,00	88	0,	87	0,	86	0,	85	0,	85	0,
10	90	50,00	88	0,	87	0,	86	0,	85	0,	85	0,
12	88	10,00	88	0,	87	0,	86	0,	85	0,	84	0,
15	88	10,00	88	0,	87	0,	86	0,	85	0,	84	0,
18	88	10,00	87	0,	87	0,	86	0,	85	0,	84	0,
20	88	0,	87	0,	86	0,	86	0,	85	0,	84	0,
23	88	0,	87	0,	86	0,	86	0,	85	0,	84	0,
25	89	50,00	87	0,	86	0,	86	0,	85	0,	84	0,
28	0	100,00	87	0,	87	0,	86	0,	85	0,	84	0,
30	0	100,00	87	0,	86	0,	86	0,	85	0,	84	0,
33	89	40,00	87	0,	86	0,	85	0,	85	0,	84	0,
36	88	0,	87	0,	86	0,	85	0,	84	0,	84	0,
38	88	0,	87	0,	86	0,	85	0,	84	0,	84	0,
41	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
43	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
46	87	0,	87	0,	86	0,	85	0,	84	0,	83	0,
48	87	0,	87	0,	86	0,	85	0,	84	0,	83	0,
51	87	0,	87	0,	86	0,	85	0,	84	0,	83	0,
54	87	0,	87	0,	86	0,	85	0,	84	0,	83	0,
56	87	0,	87	0,	86	0,	85	0,	84	0,	83	0,
59	87	0,	87	0,	86	0,	85	0,	84	0,	83	0,
61	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
64	88	0,	87	0,	86	0,	85	0,	84	0,	84	0,
66	88	0,	87	0,	86	0,	85	0,	85	0,	84	0,
69	88	0,	87	0,	86	0,	85	0,	85	0,	84	0,
72	88	0,	87	0,	86	0,	86	0,	85	0,	84	0,
74	88	0,	87	0,	87	0,	86	0,	85	0,	84	0,
77	89	0,	88	0,	87	0,	86	0,	85	0,	84	0,
79	89	0,	88	0,	87	0,	86	0,	85	0,	85	0,
82	89	20,00	88	0,	87	0,	86	0,	86	0,	85	0,
84	89	0,	88	0,	87	0,	86	0,	85	0,	84	0,
87	89	0,	88	0,	87	0,	86	0,	85	0,	84	0,

TABLE 6 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
90	89	0.	88	0.	87	0.	86	0.	85	0.	85	0.
92	89	10.00	88	0.	87	0.	87	0.	86	0.	85	0.
95	89	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
97	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
100	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
102	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
105	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
108	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
110	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
113	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
115	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
118	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
120	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
123	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
126	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
128	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
131	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
133	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
136	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
138	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
141	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
144	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
146	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
149	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
151	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
154	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
156	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
159	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
162	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
164	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
167	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
169	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
172	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
174	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.

TABLE 6 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
177	89	0,	88	0,	87	0,	87	0,	86	0,	85	0,
180	89	0,	88	0,	87	0,	87	0,	86	0,	85	0,
182	89	0,	88	0,	87	0,	87	0,	86	0,	85	0,
185	89	0,	88	0,	87	0,	87	0,	86	0,	85	0,
187	89	0,	88	0,	88	0,	87	0,	86	0,	85	0,
190	89	0,	88	0,	88	0,	87	0,	86	0,	85	0,
192	89	0,	88	0,	88	0,	87	0,	86	0,	85	0,
195	89	0,	88	0,	88	0,	87	0,	86	0,	85	0,
198	89	10,00	89	0,	88	0,	87	0,	86	0,	85	0,
200	89	0,	89	0,	88	0,	87	0,	86	0,	85	0,
203	90	0,	89	0,	88	0,	87	0,	86	0,	85	0,
205	90	0,	89	0,	88	0,	87	0,	86	0,	86	0,
208	90	0,	89	0,	88	0,	87	0,	86	0,	86	0,
210	90	0,	89	0,	88	0,	87	0,	87	0,	86	0,
213	90	0,	89	0,	88	0,	87	0,	87	0,	86	0,
216	90	0,	89	0,	88	0,	88	0,	87	0,	86	0,
218	90	0,	89	0,	89	0,	88	0,	87	0,	86	0,
221	90	0,	89	0,	89	0,	88	0,	87	0,	86	0,
223	90	0,	90	0,	89	0,	88	0,	87	0,	86	0,
226	91	0,	90	0,	89	0,	88	0,	87	0,	87	0,
228	91	0,	90	0,	89	0,	88	0,	87	0,	87	0,
231	91	0,	90	0,	89	0,	88	0,	88	0,	87	0,
234	91	0,	90	0,	89	0,	89	0,	88	0,	87	0,
236	91	0,	90	0,	90	0,	89	0,	88	0,	87	0,
239	91	0,	90	0,	90	0,	89	0,	88	0,	87	0,
241	91	0,	91	0,	90	0,	89	0,	88	0,	87	0,
244	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,
246	92	0,	91	0,	90	0,	89	0,	88	0,	88	0,
249	92	0,	91	0,	90	0,	89	0,	89	0,	88	0,
252	92	0,	91	0,	90	0,	89	0,	89	0,	88	0,
254	92	0,	91	0,	90	0,	90	0,	89	0,	88	0,
257	92	0,	91	0,	90	0,	89	0,	89	0,	88	0,
259	92	0,	91	0,	90	0,	89	0,	88	0,	88	0,
262	91	0,	91	0,	90	0,	89	0,	88	0,	87	0,

TABLE 6 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
264	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
267	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
270	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
272	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
275	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
277	93	60.00	91	0.	90	0.	89	0.	88	0.	87	0.
280	93	50.00	91	0.	90	0.	89	0.	89	0.	88	0.
282	93	40.00	91	10.00	91	0.	90	0.	89	0.	88	0.
285	93	30.00	92	10.00	91	0.	90	0.	89	0.	88	0.
288	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
290	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
293	92	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
295	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
298	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
300	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
303	92	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
306	0	100.00	92	0.	91	0.	90	0.	89	0.	88	0.
308	93	30.00	92	0.	91	0.	90	0.	89	0.	88	0.
311	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
313	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
316	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
318	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
321	91	20.00	90	0.	89	0.	89	0.	88	0.	87	0.
324	92	40.00	90	0.	89	0.	88	0.	88	0.	87	0.
326	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
329	92	50.00	90	0.	89	0.	88	0.	87	0.	87	0.
331	91	50.00	90	0.	89	0.	88	0.	87	0.	86	0.
334	91	40.00	89	0.	89	0.	88	0.	87	0.	86	0.
336	91	40.00	89	0.	89	0.	88	0.	87	0.	86	0.
339	91	40.00	89	0.	88	0.	88	0.	87	0.	86	0.
342	90	30.00	89	0.	88	0.	87	0.	87	0.	86	0.
344	90	20.00	89	0.	88	0.	87	0.	86	0.	86	0.
347	90	20.00	89	0.	88	0.	87	0.	86	0.	86	0.
349	90	20.00	89	0.	88	0.	87	0.	86	0.	85	0.

TABLE 6 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
352	90	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
354	90	20.00	88	0.	88	0.	87	0.	86	0.	85	0.
357	90	30.00	88	0.	88	0.	87	0.	86	0.	85	0.
360	89	20.00	88	0.	87	0.	87	0.	86	0.	85	0.
AVERAGE SHIELDING		10.64		0.29		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		89		88		87		87		86

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 5

SHIELDING OF TARGET AT POSITION A
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	91	90,00	88	0,	88	0,	87	0,	86	0,	86	0,
4	0	100,00	88	0,	88	0,	87	0,	86	0,	86	0,
6	0	100,00	89	0,	88	0,	87	0,	86	0,	86	0,
9	0	100,00	89	0,	88	0,	87	0,	86	0,	86	0,
11	0	100,00	89	10,00	88	0,	87	0,	86	0,	86	0,
13	0	100,00	89	20,00	88	0,	87	0,	86	0,	85	0,
15	0	100,00	88	0,	88	0,	87	0,	86	0,	85	0,
18	0	100,00	88	0,	87	0,	87	0,	86	0,	85	0,
20	0	100,00	88	0,	87	0,	86	0,	86	0,	85	0,
22	0	100,00	88	0,	87	0,	86	0,	85	0,	85	0,
24	90	90,00	87	0,	87	0,	86	0,	85	0,	84	0,
27	89	70,00	87	0,	86	0,	86	0,	85	0,	84	0,
29	88	30,00	87	0,	86	0,	86	0,	85	0,	84	0,
31	88	0,	87	0,	86	0,	85	0,	85	0,	84	0,
33	88	0,	87	0,	86	0,	85	0,	85	0,	84	0,
36	88	0,	87	0,	86	0,	85	0,	85	0,	84	0,
38	89	60,00	87	0,	86	0,	86	0,	85	0,	84	0,
40	89	90,00	87	0,	86	0,	85	0,	85	0,	84	0,
42	87	10,00	87	0,	86	0,	85	0,	85	0,	84	0,
45	87	0,	87	0,	86	0,	85	0,	84	0,	84	0,
47	87	0,	87	0,	86	0,	85	0,	84	0,	84	0,
49	87	0,	87	0,	86	0,	85	0,	84	0,	84	0,
51	87	20,00	87	0,	86	0,	85	0,	84	0,	84	0,
54	87	0,	87	0,	86	0,	85	0,	84	0,	84	0,
56	87	10,00	87	0,	86	0,	85	0,	84	0,	84	0,
58	87	0,	87	0,	86	0,	85	0,	85	0,	84	0,
60	87	10,00	87	0,	86	0,	85	0,	85	0,	84	0,
63	88	10,00	87	0,	86	0,	85	0,	85	0,	84	0,
65	88	10,00	87	0,	86	0,	86	0,	85	0,	84	0,
67	88	20,00	87	0,	86	0,	86	0,	85	0,	84	0,
69	88	10,00	87	0,	87	0,	86	0,	85	0,	84	0,
72	88	10,00	87	0,	87	0,	86	0,	85	0,	85	0,
74	88	10,00	87	0,	87	0,	86	0,	85	0,	85	0,
76	88	0,	88	0,	87	0,	86	0,	85	0,	85	0,

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TABLE 6 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
78	89	0.	88	0.	87	0.	86	0.	86	0.	85	0.
81	89	10.00	88	0.	87	0.	87	0.	86	0.	85	0.
83	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
85	89	0.	88	0.	87	0.	86	0.	86	0.	85	0.
87	89	0.	88	0.	87	0.	86	0.	86	0.	85	0.
90	89	0.	88	0.	87	0.	86	0.	86	0.	85	0.
92	89	10.00	88	0.	87	0.	87	0.	86	0.	85	0.
94	89	10.00	89	0.	88	0.	87	0.	88	0.	86	0.
96	91	70.00	89	0.	88	0.	88	0.	87	0.	86	0.
99	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
101	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
103	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
105	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
108	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
110	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
112	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
114	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
117	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
119	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
121	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
123	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
126	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
128	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
130	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
132	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
135	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
137	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
139	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
141	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
144	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
146	89	0.	89	0.	88	0.	87	0.	86	0.	86	0.
148	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
150	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
153	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE, DEG	HEIGHT OF BURST, 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
155	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
157	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
159	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
162	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
164	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
166	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
168	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
171	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
173	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
175	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
177	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
180	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
182	89	10.00	88	0.	88	0.	87	0.	86	0.	85	0.
184	89	20.00	88	0.	88	0.	87	0.	86	0.	86	0.
186	89	20.00	88	0.	88	0.	87	0.	86	0.	86	0.
189	90	30.00	88	0.	88	0.	87	0.	86	0.	86	0.
191	90	30.00	89	0.	88	0.	87	0.	86	0.	86	0.
193	90	30.00	89	0.	88	0.	87	0.	86	0.	86	0.
195	90	40.00	89	0.	88	0.	87	0.	86	0.	86	0.
198	90	39.00	89	0.	88	0.	87	0.	87	0.	86	0.
200	90	30.00	89	0.	88	0.	87	0.	87	0.	86	0.
202	90	29.00	89	0.	88	0.	87	0.	87	0.	86	0.
204	90	29.00	89	0.	88	0.	87	0.	87	0.	86	0.
207	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
209	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
211	91	40.00	89	0.	88	0.	88	0.	87	0.	86	0.
213	90	20.00	89	0.	89	0.	88	0.	87	0.	86	0.
216	91	30.00	89	0.	89	0.	88	0.	87	0.	87	0.
218	90	18.00	89	0.	89	0.	88	0.	87	0.	87	0.
220	90	19.00	90	0.	89	0.	88	0.	87	0.	87	0.
222	91	29.00	90	0.	89	0.	88	0.	87	0.	87	0.
225	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
227	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
229	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.

TABLE 6 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
231	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
234	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
236	91	0.	90	0.	90	0.	89	0.	88	0.	88	0.
238	91	0.	91	0.	90	0.	89	0.	88	0.	88	0.
240	91	0.	91	0.	90	0.	89	0.	88	0.	88	0.
243	91	0.	91	0.	90	0.	89	0.	89	0.	88	0.
245	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
247	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
249	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
252	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
254	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
256	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
258	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
261	91	10.00	91	0.	90	0.	89	0.	89	0.	88	0.
263	91	0.	90	0.	90	0.	89	0.	88	0.	88	0.
265	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
267	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
270	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
272	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
274	91	30.00	90	0.	89	0.	89	0.	88	0.	87	0.
276	93	76.00	91	0.	90	0.	89	0.	89	0.	88	0.
279	93	50.00	91	0.	90	0.	90	0.	89	0.	88	0.
281	93	40.00	91	10.00	91	0.	90	0.	89	0.	89	0.
283	93	30.00	92	10.00	91	0.	90	0.	89	0.	89	0.
285	93	20.00	92	10.00	91	0.	90	0.	89	0.	89	0.
288	93	20.00	92	10.00	91	0.	90	0.	89	0.	89	0.
290	93	20.00	92	10.00	91	0.	90	0.	89	0.	89	0.
292	92	10.00	92	0.	91	0.	90	0.	89	0.	89	0.
294	92	10.00	92	0.	91	0.	90	0.	89	0.	89	0.
297	92	10.00	91	0.	91	0.	90	0.	89	0.	89	0.
299	93	40.00	92	0.	91	0.	90	0.	89	0.	89	0.
301	93	50.00	92	0.	91	0.	90	0.	89	0.	89	0.
303	93	40.00	92	0.	91	0.	90	0.	90	0.	89	0.
306	93	10.00	92	0.	91	0.	90	0.	90	0.	89	0.

TABLE 6 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
308	92	10.00	92	0.	91	0.	90	0.	89	0.	89	0.
310	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
312	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
315	91	0.	91	0.	90	0.	89	0.	88	0.	88	0.
317	91	0.	91	0.	90	0.	89	0.	88	0.	88	0.
319	91	0.	90	0.	90	0.	89	0.	88	0.	88	0.
321	91	10.00	90	0.	90	0.	89	0.	88	0.	87	0.
324	91	10.00	90	0.	89	0.	89	0.	88	0.	87	0.
326	91	10.00	90	0.	89	0.	89	0.	88	0.	87	0.
328	91	20.00	90	0.	89	0.	89	0.	88	0.	87	0.
330	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
333	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
335	90	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
337	90	20.00	89	0.	89	0.	88	0.	87	0.	87	0.
339	90	20.00	89	0.	89	0.	88	0.	87	0.	86	0.
342	90	20.00	89	0.	88	0.	88	0.	87	0.	86	0.
344	90	20.00	89	0.	88	0.	88	0.	87	0.	86	0.
346	90	20.00	89	0.	88	0.	87	0.	87	0.	86	0.
348	90	20.00	89	0.	88	0.	87	0.	87	0.	86	0.
351	90	40.00	89	0.	88	0.	87	0.	87	0.	86	0.
353	90	50.00	89	0.	88	0.	87	0.	87	0.	86	0.
355	90	30.00	89	0.	88	0.	87	0.	86	0.	86	0.
357	90	40.00	89	0.	88	0.	87	0.	86	0.	86	0.
360	90	30.00	88	0.	88	0.	87	0.	86	0.	86	0.
AVERAGE SHIELDING		18.37		0.50		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		89		88		88		87		86

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE-C
B
2

TABLE 7

SHIELDING OF TARGET AT POSITION B
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
18	96	30,00	87	0,	81	0,	76	0,	71	0,	66	0,
36	91	10,00	85	0,	80	0,	74	0,	69	0,	64	0,
54	90	0,	84	0,	78	0,	73	0,	68	0,	63	0,
72	90	0,	84	0,	78	0,	73	0,	68	0,	63	0,
90	91	0,	85	0,	80	0,	74	0,	69	0,	64	0,
108	92	0,	86	0,	80	0,	75	0,	70	0,	65	0,
126	95	10,00	89	0,	84	0,	78	0,	73	0,	68	0,
144	98	10,00	92	0,	86	0,	81	0,	75	0,	70	0,
162	100	10,00	94	0,	89	0,	83	0,	77	0,	72	0,
180	91	0,	85	0,	80	0,	74	0,	69	0,	64	0,
198	101	10,00	95	0,	90	0,	84	0,	78	0,	73	0,
216	100	10,00	94	0,	88	0,	83	0,	77	0,	72	0,
234	99	20,00	92	0,	86	0,	80	0,	75	0,	70	0,
252	94	0,	88	0,	82	0,	77	0,	72	0,	67	0,
270	92	0,	87	0,	81	0,	75	0,	70	0,	65	0,
288	92	0,	86	0,	81	0,	75	0,	70	0,	65	0,
306	92	0,	86	0,	80	0,	75	0,	70	0,	65	0,
324	92	10,00	87	0,	81	0,	75	0,	70	0,	65	0,
342	97	30,00	88	0,	82	0,	77	0,	71	0,	66	0,
360	99	40,00	88	0,	82	0,	77	0,	71	0,	66	0,
AVERAGE SHIELDING		9,50		0,		0,		0,		0,		0,
AVERAGE TARGET CONTACT ANGLE		95		88		82		77		72		67

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 7

SHIELDING OF TARGET AT POSITION B
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
9	95	20.00	91	0.	88	0.	85	0.	82	0.	80	0.
18	94	20.00	91	0.	88	0.	85	0.	82	0.	79	0.
27	94	20.00	91	0.	88	0.	85	0.	82	0.	79	0.
36	94	20.00	90	0.	87	0.	84	0.	81	0.	79	0.
45	93	20.00	89	0.	86	0.	83	0.	80	0.	78	0.
54	94	50.00	88	0.	85	0.	82	0.	80	0.	77	0.
63	90	10.00	87	0.	84	0.	81	0.	78	0.	76	0.
72	89	0.	86	0.	83	0.	81	0.	78	0.	75	0.
81	89	0.	86	0.	83	0.	81	0.	78	0.	75	0.
90	90	0.	87	0.	85	0.	82	0.	79	0.	76	0.
99	90	0.	87	0.	84	0.	82	0.	79	0.	76	0.
108	93	20.00	89	0.	86	0.	83	0.	80	0.	78	0.
117	93	10.00	90	0.	88	0.	85	0.	82	0.	79	0.
126	94	0.	92	0.	89	0.	86	0.	83	0.	80	0.
135	95	0.	92	0.	89	0.	87	0.	84	0.	81	0.
144	96	0.	93	0.	90	0.	87	0.	84	0.	81	0.
153	96	0.	93	0.	90	0.	87	0.	84	0.	82	0.
162	96	0.	93	0.	90	0.	87	0.	85	0.	82	0.
171	96	0.	93	0.	91	0.	88	0.	85	0.	82	0.
180	96	0.	93	0.	91	0.	88	0.	85	0.	82	0.
189	96	0.	94	0.	91	0.	88	0.	85	0.	82	0.
198	97	0.	94	0.	91	0.	88	0.	85	0.	82	0.
207	97	0.	94	0.	91	0.	88	0.	85	0.	83	0.
216	98	0.	95	0.	92	0.	89	0.	86	0.	83	0.
225	98	10.00	95	0.	92	0.	90	0.	87	0.	84	0.
234	99	20.00	95	0.	92	0.	89	0.	86	0.	84	0.
243	97	20.00	93	0.	90	0.	87	0.	85	0.	82	0.
252	95	20.00	91	0.	88	0.	85	0.	83	0.	80	0.
261	92	10.00	89	0.	87	0.	84	0.	81	0.	78	0.
270	91	0.	89	0.	86	0.	83	0.	80	0.	77	0.
279	91	0.	88	0.	86	0.	83	0.	80	0.	77	0.
288	91	10.00	89	0.	86	0.	83	0.	80	0.	77	0.
297	96	50.00	89	0.	87	0.	84	0.	81	0.	78	0.
306	97	50.00	91	0.	88	0.	85	0.	82	0.	79	0.

TABLE 7 (CON,)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BORST 500 CM
315	97	40,00	92	0,	89	0,	86	0,	83	0,	80	0,
324	97	30,00	92	10,00	89	0,	86	0,	83	0,	81	0,
333	97	30,00	92	10,00	89	0,	86	0,	84	0,	81	0,
342	96	20,00	92	0,	89	0,	86	0,	83	0,	80	0,
351	95	20,00	92	0,	89	0,	86	0,	83	0,	80	0,
360	95	20,00	91	0,	88	0,	85	0,	83	0,	80	0,
AVERAGE SHIELDING		13,50		0,50		0,		0,		0,		0,
AVERAGE TARGET CONTACT ANGLE		94		91		88		85		82		80

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 7

SHIELDING OF TARGET AT POSITION B
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
6	91	0.	89	0.	88	0.	86	0.	84	0.	82	0.
12	91	10.00	89	0.	87	0.	86	0.	84	0.	82	0.
18	91	10.00	89	0.	87	0.	86	0.	84	0.	82	0.
24	91	10.00	89	0.	87	0.	85	0.	83	0.	82	0.
30	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
36	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
42	90	10.00	88	0.	86	0.	85	0.	83	0.	81	0.
48	90	0.	88	0.	86	0.	84	0.	82	0.	81	0.
54	90	10.00	88	0.	86	0.	84	0.	82	0.	80	0.
60	90	10.00	88	0.	86	0.	84	0.	82	0.	80	0.
66	89	10.00	87	0.	86	0.	84	0.	82	0.	80	0.
72	89	10.00	87	0.	85	0.	84	0.	82	0.	80	0.
78	89	0.	87	0.	85	0.	83	0.	81	0.	79	0.
84	89	0.	87	0.	85	0.	83	0.	81	0.	79	0.
90	89	0.	87	0.	85	0.	83	0.	81	0.	79	0.
96	90	0.	88	0.	86	0.	84	0.	82	0.	80	0.
102	90	10.00	89	0.	87	0.	85	0.	83	0.	81	0.
108	91	0.	90	0.	88	0.	86	0.	84	0.	82	0.
114	92	0.	90	0.	88	0.	86	0.	84	0.	83	0.
120	93	0.	91	0.	89	0.	87	0.	85	0.	83	0.
126	93	0.	91	0.	89	0.	87	0.	85	0.	83	0.
132	93	0.	91	0.	89	0.	87	0.	86	0.	84	0.
138	93	0.	91	0.	90	0.	88	0.	86	0.	84	0.
144	94	0.	92	0.	90	0.	88	0.	86	0.	84	0.
150	94	0.	92	0.	90	0.	88	0.	86	0.	84	0.
156	94	0.	92	0.	90	0.	88	0.	86	0.	84	0.
162	94	0.	92	0.	90	0.	88	0.	86	0.	84	0.
168	94	0.	92	0.	90	0.	88	0.	86	0.	84	0.
174	94	0.	92	0.	90	0.	88	0.	86	0.	84	0.
180	94	0.	92	0.	90	0.	88	0.	86	0.	84	0.
186	94	0.	92	0.	90	0.	88	0.	86	0.	84	0.
192	94	0.	92	0.	90	0.	88	0.	86	0.	84	0.
198	94	0.	92	0.	90	0.	88	0.	86	0.	84	0.
204	94	0.	92	0.	90	0.	88	0.	86	0.	85	0.

TABLE 8 (CON,)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
210	94	0,	92	0,	90	0,	89	0,	87	0,	85	0,
216	94	0,	93	0,	91	0,	89	0,	87	0,	85	0,
222	95	0,	93	0,	91	0,	89	0,	87	0,	85	0,
228	95	0,	93	0,	91	0,	89	0,	87	0,	85	0,
234	95	0,	93	0,	92	0,	90	0,	88	0,	86	0,
240	96	10,00	94	0,	92	0,	90	0,	88	0,	86	0,
246	96	20,00	94	0,	92	0,	90	0,	88	0,	86	0,
252	95	20,00	92	0,	90	0,	88	0,	86	0,	83	0,
258	93	10,00	91	0,	89	0,	87	0,	85	0,	83	0,
264	92	0,	90	0,	88	0,	86	0,	84	0,	82	0,
270	91	0,	89	0,	87	0,	85	0,	84	0,	82	0,
276	91	0,	89	0,	87	0,	85	0,	83	0,	82	0,
282	91	10,00	89	0,	87	0,	85	0,	84	0,	82	0,
288	95	60,00	90	0,	88	0,	86	0,	84	0,	83	0,
294	95	40,00	91	0,	89	0,	87	0,	85	0,	83	0,
300	95	40,00	92	10,00	90	0,	88	0,	86	0,	84	0,
306	95	30,00	92	10,00	90	0,	88	0,	86	0,	84	0,
312	94	20,00	92	0,	90	0,	88	0,	86	0,	84	0,
318	94	20,00	92	0,	90	0,	88	0,	86	0,	84	0,
324	93	10,00	91	0,	89	0,	88	0,	86	0,	84	0,
330	93	10,00	91	0,	89	0,	87	0,	85	0,	83	0,
336	93	10,00	91	0,	89	0,	87	0,	85	0,	83	0,
342	92	10,00	90	0,	88	0,	87	0,	85	0,	83	0,
348	92	10,00	90	0,	88	0,	86	0,	84	0,	82	0,
354	92	10,00	90	0,	88	0,	86	0,	84	0,	82	0,
360	91	0,	90	0,	88	0,	86	0,	84	0,	82	0,
AVERAGE SHIELDING		7,17		0,33		0,		0,		0,		0,
AVERAGE TARGET CONTACT ANGLE		92		90		89		87		85		83

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 7

SHIELDING OF TARGET AT POSITION B
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
4	90	0,	88	0,	87	0,	85	0,	84	0,	83	0,
9	90	0,	88	0,	87	0,	85	0,	84	0,	82	0,
13	90	0,	88	0,	87	0,	85	0,	84	0,	82	0,
18	89	0,	88	0,	87	0,	85	0,	84	0,	82	0,
22	89	0,	88	0,	87	0,	85	0,	84	0,	82	0,
27	89	0,	88	0,	86	0,	85	0,	84	0,	82	0,
31	89	0,	88	0,	86	0,	85	0,	84	0,	82	0,
36	89	0,	88	0,	86	0,	85	0,	83	0,	82	0,
40	89	0,	88	0,	86	0,	85	0,	83	0,	82	0,
45	89	0,	88	0,	86	0,	85	0,	83	0,	82	0,
49	89	0,	87	0,	86	0,	85	0,	83	0,	82	0,
54	89	0,	87	0,	86	0,	84	0,	83	0,	82	0,
58	89	0,	87	0,	86	0,	84	0,	83	0,	82	0,
63	89	0,	87	0,	86	0,	84	0,	83	0,	81	0,
67	89	0,	87	0,	86	0,	84	0,	83	0,	82	0,
72	89	0,	88	0,	86	0,	85	0,	83	0,	82	0,
76	89	20,00	88	0,	86	0,	85	0,	83	0,	82	0,
81	89	0,	87	0,	86	0,	84	0,	83	0,	82	0,
85	89	0,	87	0,	86	0,	84	0,	83	0,	82	0,
90	89	0,	87	0,	86	0,	85	0,	83	0,	82	0,
94	89	10,00	88	0,	86	0,	85	0,	84	0,	82	0,
99	90	10,00	89	0,	87	0,	86	0,	84	0,	83	0,
103	91	10,00	89	0,	88	0,	86	0,	85	0,	83	0,
108	91	0,	90	0,	88	0,	87	0,	85	0,	84	0,
112	91	0,	90	0,	89	0,	87	0,	86	0,	84	0,
117	92	0,	90	0,	89	0,	87	0,	86	0,	84	0,
121	92	0,	90	0,	89	0,	88	0,	86	0,	85	0,
126	92	0,	91	0,	89	0,	88	0,	86	0,	85	0,
130	92	0,	91	0,	89	0,	88	0,	87	0,	85	0,
135	92	0,	91	0,	89	0,	88	0,	87	0,	85	0,
139	92	0,	91	0,	90	0,	88	0,	87	0,	85	0,
144	92	0,	91	0,	90	0,	88	0,	87	0,	85	0,
148	92	0,	91	0,	90	0,	88	0,	87	0,	85	0,
153	92	0,	91	0,	90	0,	88	0,	87	0,	85	0,

TABLE 7 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
157	92	0.	91	0.	90	0.	88	0.	87	0.	85	0.
162	92	0.	91	0.	90	0.	88	0.	87	0.	85	0.
166	92	0.	91	0.	90	0.	88	0.	87	0.	85	0.
171	92	0.	91	0.	89	0.	88	0.	87	0.	85	0.
175	92	0.	91	0.	89	0.	88	0.	87	0.	85	0.
180	92	0.	91	0.	89	0.	88	0.	87	0.	85	0.
184	92	0.	91	0.	89	0.	88	0.	87	0.	85	0.
189	92	0.	91	0.	89	0.	88	0.	87	0.	85	0.
193	92	0.	91	0.	89	0.	88	0.	87	0.	85	0.
198	92	0.	91	0.	89	0.	88	0.	87	0.	85	0.
202	92	0.	91	0.	89	0.	88	0.	87	0.	85	0.
207	92	0.	91	0.	90	0.	88	0.	87	0.	85	0.
211	92	0.	91	0.	90	0.	88	0.	87	0.	85	0.
216	93	0.	91	0.	90	0.	88	0.	87	0.	85	0.
220	93	0.	91	0.	90	0.	89	0.	87	0.	86	0.
225	93	0.	92	0.	90	0.	89	0.	87	0.	86	0.
229	93	0.	92	0.	90	0.	89	0.	88	0.	86	0.
234	94	0.	92	0.	91	0.	89	0.	88	0.	86	0.
238	94	0.	92	0.	91	0.	89	0.	88	0.	87	0.
243	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
247	94	0.	93	0.	91	0.	90	0.	89	0.	87	0.
252	94	0.	92	0.	91	0.	89	0.	88	0.	87	0.
256	93	10.00	91	0.	90	0.	89	0.	87	0.	86	0.
261	92	10.00	91	0.	89	0.	88	0.	86	0.	85	0.
265	91	10.00	90	0.	88	0.	87	0.	86	0.	84	0.
270	91	0.	90	0.	88	0.	87	0.	85	0.	84	0.
274	91	0.	90	0.	88	0.	87	0.	85	0.	84	0.
279	91	0.	90	0.	88	0.	87	0.	85	0.	84	0.
283	94	70.00	90	0.	89	0.	88	0.	86	0.	85	0.
288	95	70.00	91	0.	90	0.	88	0.	87	0.	85	0.
292	0	100.00	92	10.00	91	0.	89	0.	88	0.	86	0.
297	96	60.00	92	10.00	91	0.	89	0.	88	0.	86	0.
301	94	20.00	92	10.00	90	0.	89	0.	87	0.	86	0.
306	93	10.00	91	0.	90	0.	88	0.	87	0.	86	0.

TABLE 7 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
310	93	10.00	91	0.	90	0.	88	0.	87	0.	85	0.
315	92	10.00	91	0.	89	0.	88	0.	87	0.	85	0.
319	92	0.	90	0.	89	0.	88	0.	86	0.	85	0.
324	92	0.	90	0.	89	0.	87	0.	86	0.	84	0.
328	91	0.	90	0.	88	0.	87	0.	85	0.	84	0.
333	91	0.	89	0.	88	0.	87	0.	85	0.	84	0.
337	91	0.	89	0.	88	0.	86	0.	85	0.	83	0.
342	90	0.	89	0.	88	0.	86	0.	85	0.	83	0.
346	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
351	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
355	90	0.	88	0.	87	0.	86	0.	84	0.	83	0.
360	90	0.	88	0.	87	0.	85	0.	84	0.	83	0.
AVERAGE SHIELDING		5.37		0.37		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		90		88		87		86		84

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 7

SHIELDING OF TARGET AT POSITION B
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	89	0.	88	0.	87	0.	86	0.	84	0.	83	0.
7	89	0.	88	0.	87	0.	85	0.	84	0.	83	0.
10	89	0.	88	0.	87	0.	85	0.	84	0.	83	0.
14	89	0.	88	0.	86	0.	85	0.	84	0.	83	0.
18	89	0.	87	0.	86	0.	85	0.	84	0.	83	0.
21	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
25	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
28	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
32	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
36	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
39	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
43	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
46	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
50	88	0.	87	0.	86	0.	85	0.	84	0.	82	0.
54	88	0.	87	0.	86	0.	85	0.	83	0.	82	0.
57	88	0.	87	0.	86	0.	85	0.	83	0.	82	0.
61	88	0.	87	0.	86	0.	85	0.	83	0.	82	0.
64	88	0.	87	0.	86	0.	85	0.	84	0.	82	0.
68	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
72	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
75	89	0.	88	0.	87	0.	85	0.	84	0.	83	0.
79	89	20.00	88	0.	87	0.	85	0.	84	0.	83	0.
82	89	0.	87	0.	86	0.	85	0.	84	0.	83	0.
86	89	0.	88	0.	86	0.	85	0.	84	0.	83	0.
90	89	0.	88	0.	86	0.	85	0.	84	0.	83	0.
93	90	20.00	88	0.	87	0.	86	0.	85	0.	83	0.
97	90	10.00	89	0.	87	0.	86	0.	85	0.	84	0.
100	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
104	91	0.	90	0.	88	0.	87	0.	86	0.	85	0.
108	91	0.	90	0.	89	0.	87	0.	86	0.	85	0.
111	91	0.	90	0.	89	0.	88	0.	86	0.	85	0.
115	91	0.	90	0.	89	0.	88	0.	86	0.	85	0.
118	91	0.	90	0.	89	0.	88	0.	87	0.	85	0.
122	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.

TABLE 7 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
126	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
129	92	0.	90	0.	89	0.	88	0.	87	0.	86	0.
133	92	0.	90	0.	89	0.	88	0.	87	0.	86	0.
136	92	0.	90	0.	89	0.	88	0.	87	0.	86	0.
140	92	0.	90	0.	89	0.	88	0.	87	0.	86	0.
144	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
147	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
151	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
154	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
158	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
162	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
165	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
169	91	0.	90	0.	89	0.	88	0.	87	0.	85	0.
172	91	0.	90	0.	89	0.	88	0.	86	0.	85	0.
176	91	0.	90	0.	89	0.	88	0.	86	0.	85	0.
180	91	0.	90	0.	89	0.	87	0.	86	0.	85	0.
183	91	0.	90	0.	89	0.	87	0.	86	0.	85	0.
187	91	0.	90	0.	89	0.	87	0.	86	0.	85	0.
190	91	0.	90	0.	89	0.	87	0.	86	0.	85	0.
194	91	0.	90	0.	89	0.	87	0.	86	0.	85	0.
198	91	0.	90	0.	89	0.	88	0.	86	0.	85	0.
201	91	0.	90	0.	89	0.	88	0.	86	0.	85	0.
205	91	0.	90	0.	89	0.	88	0.	87	0.	85	0.
208	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
212	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
216	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
219	92	0.	90	0.	89	0.	88	0.	87	0.	86	0.
223	92	0.	91	0.	89	0.	88	0.	87	0.	86	0.
226	92	0.	91	0.	90	0.	88	0.	87	0.	86	0.
230	92	0.	91	0.	90	0.	89	0.	87	0.	86	0.
234	92	0.	91	0.	90	0.	89	0.	88	0.	86	0.
237	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
241	93	0.	92	0.	90	0.	89	0.	88	0.	87	0.
244	93	0.	92	0.	91	0.	89	0.	88	0.	87	0.

TABLE 7 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
248	93	0,	92	0,	91	0,	90	0,	88	0,	87	0,
252	93	0,	92	0,	91	0,	90	0,	88	0,	87	0,
255	93	0,	91	0,	90	0,	89	0,	88	0,	87	0,
259	92	0,	91	0,	90	0,	89	0,	87	0,	86	0,
262	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
266	91	0,	90	0,	89	0,	88	0,	86	0,	85	0,
270	91	0,	90	0,	89	0,	87	0,	86	0,	85	0,
273	91	0,	90	0,	89	0,	87	0,	86	0,	83	0,
277	91	0,	90	0,	89	0,	88	0,	86	0,	85	0,
280	93	40,00	91	0,	89	0,	88	0,	87	0,	86	0,
284	94	50,00	91	0,	90	0,	89	0,	88	0,	87	0,
288	96	90,00	93	20,00	91	0,	90	0,	89	0,	88	0,
291	0	100,00	94	30,00	92	10,00	91	0,	89	0,	88	0,
295	0	100,00	94	30,00	92	10,00	91	0,	90	0,	89	0,
298	0	100,00	93	20,00	92	10,00	91	0,	89	0,	88	0,
302	0	100,00	92	10,00	91	0,	90	0,	89	0,	88	0,
306	94	50,00	92	0,	90	0,	89	0,	88	0,	87	0,
309	92	10,00	91	0,	90	0,	89	0,	87	0,	86	0,
313	92	0,	90	0,	89	0,	88	0,	87	0,	86	0,
316	91	0,	90	0,	89	0,	88	0,	87	0,	85	0,
320	91	0,	90	0,	89	0,	87	0,	86	0,	85	0,
324	91	0,	89	0,	88	0,	87	0,	86	0,	85	0,
327	90	0,	89	0,	88	0,	87	0,	86	0,	85	0,
331	90	0,	89	0,	88	0,	87	0,	86	0,	85	0,
334	90	0,	89	0,	88	0,	87	0,	85	0,	84	0,
338	90	0,	89	0,	88	0,	86	0,	85	0,	84	0,
342	90	0,	89	0,	87	0,	86	0,	85	0,	84	0,
345	90	0,	88	0,	87	0,	86	0,	85	0,	84	0,
349	89	0,	88	0,	87	0,	86	0,	85	0,	84	0,
352	89	0,	88	0,	87	0,	86	0,	85	0,	84	0,
356	89	0,	88	0,	87	0,	86	0,	85	0,	83	0,
360	89	0,	88	0,	87	0,	86	0,	84	0,	83	0,
AVERAGE SHIELDING		7,00		1,10		0,30		0,		0,		0,
AVERAGE TARGET CONTACT ANGLE		91		89		88		87		86		85

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 7 8

SHIELDING OF TARGET AT POSITION B
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	89	0,	88	0,	87	0,	86	0,	85	0,	84	0,
6	89	20,00	88	0,	87	0,	86	0,	85	0,	84	0,
9	88	0,	87	0,	86	0,	86	0,	85	0,	84	0,
12	88	0,	87	0,	86	0,	85	0,	84	0,	84	0,
15	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
18	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
21	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
24	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
27	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
30	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
33	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
36	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
39	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
42	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
45	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
48	87	0,	87	0,	86	0,	85	0,	84	0,	83	0,
51	87	0,	87	0,	86	0,	85	0,	84	0,	83	0,
54	87	0,	86	0,	86	0,	85	0,	84	0,	83	0,
57	87	0,	86	0,	86	0,	85	0,	84	0,	83	0,
60	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
63	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
66	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
69	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
72	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
75	89	0,	88	0,	87	0,	86	0,	85	0,	84	0,
78	89	0,	88	0,	87	0,	86	0,	85	0,	84	0,
81	89	20,00	88	0,	87	0,	86	0,	85	0,	84	0,
84	89	0,	88	0,	87	0,	86	0,	85	0,	84	0,
87	89	0,	88	0,	87	0,	86	0,	85	0,	84	0,
90	89	0,	88	0,	87	0,	86	0,	85	0,	84	0,
93	89	10,00	88	0,	87	0,	86	0,	85	0,	84	0,
96	90	10,00	89	0,	88	0,	87	0,	86	0,	85	0,
99	90	10,00	89	0,	88	0,	87	0,	86	0,	85	0,
102	90	0,	89	0,	88	0,	87	0,	86	0,	86	0,

TABLE 7 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
105	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
108	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
111	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
114	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
117	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
120	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
123	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
126	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
129	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
132	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
135	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
138	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
141	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
144	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
147	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
150	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
153	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
156	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
159	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
162	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
165	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
168	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
171	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
174	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
177	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
180	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
183	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
186	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
189	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
192	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
195	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
198	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
201	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
204	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.

TABLE 7 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
207	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
210	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
213	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
216	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
219	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
222	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
225	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
228	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
231	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
234	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
237	91	0.	91	0.	90	0.	89	0.	88	0.	87	0.
240	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
243	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
246	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
249	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
252	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
255	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
258	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
261	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
264	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
267	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
270	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
273	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
276	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
279	93	50.00	91	0.	90	0.	89	0.	88	0.	87	0.
282	93	40.00	91	0.	90	0.	89	0.	88	0.	87	0.
285	94	60.00	92	10.00	91	0.	90	0.	89	0.	88	0.
288	93	30.00	92	10.00	91	0.	90	0.	89	0.	88	0.
291	94	30.00	92	10.00	91	0.	90	0.	89	0.	88	0.
294	94	30.00	93	20.00	91	0.	90	0.	90	0.	89	0.
297	94	30.00	92	10.00	92	0.	91	0.	90	0.	89	0.
300	94	30.00	93	10.00	92	10.00	91	0.	90	0.	89	0.
303	96	90.00	93	10.00	92	10.00	91	0.	90	0.	89	0.
306	0	100.00	92	10.00	91	0.	90	0.	89	0.	88	0.

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TABLE 7 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
309	93	30.00	91	0.	90	0.	89	0.	88	0.	87	0.
312	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
315	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
318	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
321	91	0.	90	0.	89	0.	89	0.	87	0.	86	0.
324	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
327	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
330	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
333	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
336	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
339	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
342	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
345	89	10.00	88	0.	88	0.	87	0.	86	0.	85	0.
348	89	0.	88	0.	87	0.	86	0.	85	0.	85	0.
351	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
354	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
357	89	10.00	88	0.	87	0.	86	0.	85	0.	84	0.
360	89	10.00	88	0.	87	0.	86	0.	85	0.	84	0.
AVERAGE SHIELDING		5.25		0.75		0.17		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		89		88		87		86		85

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 7

SHIELDING OF TARGET AT POSITION B

RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	90	70,00	88	0,	87	0,	86	0,	86	0,	85	0,
5	0	100,00	88	0,	87	0,	86	0,	85	0,	85	0,
7	90	80,00	88	0,	87	0,	86	0,	85	0,	84	0,
10	89	50,00	88	0,	87	0,	86	0,	85	0,	84	0,
12	88	0,	87	0,	87	0,	86	0,	85	0,	84	0,
15	88	0,	87	0,	86	0,	86	0,	85	0,	84	0,
18	88	0,	87	0,	86	0,	86	0,	85	0,	84	0,
20	88	0,	87	0,	86	0,	85	0,	85	0,	84	0,
23	88	10,00	87	0,	86	0,	85	0,	85	0,	84	0,
25	0	100,00	87	0,	86	0,	86	0,	85	0,	84	0,
28	0	100,00	87	0,	86	0,	86	0,	85	0,	84	0,
30	0	100,00	87	0,	86	0,	85	0,	84	0,	84	0,
33	88	10,00	87	0,	86	0,	85	0,	84	0,	83	0,
36	87	0,	87	0,	86	0,	85	0,	84	0,	83	0,
38	87	0,	86	0,	86	0,	85	0,	84	0,	83	0,
41	87	0,	86	0,	86	0,	85	0,	84	0,	83	0,
43	87	0,	86	0,	86	0,	85	0,	84	0,	83	0,
46	87	0,	86	0,	86	0,	85	0,	84	0,	83	0,
48	87	0,	86	0,	86	0,	85	0,	84	0,	83	0,
51	87	0,	86	0,	86	0,	85	0,	84	0,	83	0,
54	87	0,	86	0,	86	0,	85	0,	84	0,	83	0,
56	87	10,00	87	0,	86	0,	85	0,	84	0,	83	0,
59	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
61	88	0,	87	0,	86	0,	85	0,	84	0,	84	0,
64	88	10,00	87	0,	86	0,	85	0,	84	0,	84	0,
66	88	0,	87	0,	86	0,	85	0,	85	0,	84	0,
69	88	0,	87	0,	86	0,	86	0,	85	0,	84	0,
72	88	0,	87	0,	87	0,	86	0,	85	0,	84	0,
74	88	0,	88	0,	87	0,	86	0,	85	0,	84	0,
77	89	0,	88	0,	87	0,	86	0,	85	0,	85	0,
79	89	10,00	88	0,	87	0,	86	0,	86	0,	85	0,
82	89	30,00	88	0,	87	0,	86	0,	86	0,	85	0,
84	89	0,	88	0,	87	0,	86	0,	85	0,	84	0,
87	89	0,	88	0,	87	0,	86	0,	85	0,	84	0,

TABLE 7 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
90	89	0.	88	0.	87	0.	86	0.	85	0.	85	0.
92	89	10.00	88	0.	87	0.	86	0.	86	0.	85	0.
95	89	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
97	91	70.00	89	0.	88	0.	87	0.	87	0.	86	0.
100	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
102	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
105	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
108	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
110	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
113	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
115	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
118	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
120	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
123	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
126	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
128	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
131	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
133	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
136	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
138	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
141	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
144	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
146	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
149	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
151	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
154	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
156	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
159	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
162	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
164	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
167	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
169	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
172	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
174	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
177	89	0,	88	0,	88	0,	87	0,	86	0,	85	0,
180	89	0,	88	0,	88	0,	87	0,	86	0,	85	0,
182	89	0,	88	0,	88	0,	87	0,	86	0,	85	0,
185	89	0,	88	0,	88	0,	87	0,	86	0,	85	0,
187	89	0,	88	0,	88	0,	87	0,	86	0,	85	0,
190	89	0,	88	0,	88	0,	87	0,	86	0,	85	0,
192	89	0,	88	0,	88	0,	87	0,	86	0,	85	0,
195	89	0,	89	0,	88	0,	87	0,	86	0,	85	0,
198	89	0,	89	0,	88	0,	87	0,	86	0,	85	0,
200	89	0,	89	0,	88	0,	87	0,	86	0,	85	0,
203	89	0,	89	0,	88	0,	87	0,	86	0,	85	0,
205	90	0,	89	0,	88	0,	87	0,	86	0,	85	0,
208	90	0,	89	0,	88	0,	87	0,	86	0,	86	0,
210	90	0,	89	0,	88	0,	87	0,	87	0,	86	0,
213	90	0,	89	0,	88	0,	87	0,	87	0,	86	0,
216	90	0,	89	0,	88	0,	88	0,	87	0,	86	0,
218	90	0,	89	0,	89	0,	88	0,	87	0,	86	0,
221	90	0,	89	0,	89	0,	88	0,	87	0,	86	0,
223	90	0,	90	0,	89	0,	88	0,	87	0,	86	0,
226	90	0,	90	0,	89	0,	88	0,	87	0,	86	0,
228	91	0,	90	0,	89	0,	88	0,	87	0,	87	0,
231	91	0,	90	0,	89	0,	88	0,	88	0,	87	0,
234	91	0,	90	0,	89	0,	89	0,	88	0,	87	0,
236	91	0,	90	0,	89	0,	89	0,	88	0,	87	0,
239	91	0,	90	0,	90	0,	89	0,	88	0,	87	0,
241	91	0,	91	0,	90	0,	89	0,	88	0,	87	0,
244	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,
246	92	0,	91	0,	90	0,	89	0,	88	0,	88	0,
249	92	0,	91	0,	90	0,	89	0,	89	0,	88	0,
252	92	0,	91	0,	90	0,	89	0,	89	0,	88	0,
254	92	0,	91	0,	90	0,	89	0,	89	0,	88	0,
257	92	0,	91	0,	90	0,	90	0,	89	0,	88	0,
259	92	0,	91	0,	90	0,	89	0,	88	0,	88	0,
262	91	0,	91	0,	90	0,	89	0,	88	0,	87	0,

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TABLE 7 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
264	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
267	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
270	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
272	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
275	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
277	93	60.00	91	0.	90	0.	89	0.	88	0.	87	0.
280	93	60.00	91	0.	90	0.	89	0.	89	0.	88	0.
282	93	40.00	91	10.00	91	0.	90	0.	89	0.	88	0.
285	93	30.00	92	10.00	91	0.	90	0.	89	0.	88	0.
288	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
290	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
293	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
295	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
298	93	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
300	93	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
303	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
306	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
308	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
311	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
313	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
316	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
318	91	30.00	90	0.	89	0.	88	0.	88	0.	87	0.
321	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
324	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
326	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
329	91	40.00	89	0.	89	0.	88	0.	87	0.	86	0.
331	91	60.00	89	0.	88	0.	88	0.	87	0.	86	0.
334	91	40.00	89	0.	88	0.	87	0.	87	0.	86	0.
336	90	30.00	89	0.	88	0.	87	0.	87	0.	86	0.
339	90	20.00	89	0.	88	0.	87	0.	86	0.	86	0.
342	90	30.00	89	0.	88	0.	87	0.	86	0.	86	0.
344	90	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
347	90	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
349	90	30.00	88	0.	88	0.	87	0.	86	0.	85	0.

TABLE 7 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
352	90	30.00	88	0.	88	0.	87	0.	86	0.	85	0.
354	90	40.00	88	0.	87	0.	87	0.	86	0.	85	0.
357	90	60.00	88	0.	87	0.	87	0.	86	0.	85	0.
360	91	80.00	88	0.	87	0.	86	0.	86	0.	85	0.
AVERAGE SHIELDING		12.29		0.57		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		89		88		87		87		86

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 7

SHIELDING OF TARGET AT POSITION B
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	0	100,00	89	10,00	88	0,	87	0,	87	0,	86	0,
4	0	100,00	89	30,00	88	0,	87	0,	87	0,	86	0,
6	0	100,00	90	60,00	88	0,	87	0,	87	0,	86	0,
9	0	100,00	89	30,00	88	0,	87	0,	86	0,	86	0,
11	0	100,00	88	0,	88	0,	87	0,	86	0,	85	0,
13	0	100,00	88	0,	87	0,	87	0,	86	0,	85	0,
15	0	100,00	88	0,	87	0,	86	0,	86	0,	85	0,
18	0	100,00	87	0,	87	0,	86	0,	85	0,	85	0,
20	90	80,00	87	0,	87	0,	86	0,	85	0,	84	0,
22	90	90,00	87	0,	86	0,	86	0,	85	0,	84	0,
24	89	70,00	87	0,	86	0,	86	0,	85	0,	84	0,
27	89	60,00	87	0,	86	0,	86	0,	85	0,	84	0,
29	89	70,00	87	0,	86	0,	85	0,	85	0,	84	0,
31	88	40,00	87	0,	86	0,	85	0,	85	0,	84	0,
33	87	0,	87	0,	86	0,	85	0,	85	0,	84	0,
36	87	0,	87	0,	86	0,	85	0,	85	0,	84	0,
38	88	20,00	87	0,	86	0,	85	0,	84	0,	84	0,
40	89	80,00	87	0,	86	0,	85	0,	84	0,	84	0,
42	88	30,00	86	0,	86	0,	85	0,	84	0,	84	0,
45	87	10,00	86	0,	86	0,	85	0,	84	0,	84	0,
47	87	10,00	86	0,	86	0,	85	0,	84	0,	84	0,
49	87	20,00	86	0,	86	0,	85	0,	84	0,	84	0,
51	87	20,00	86	0,	86	0,	85	0,	84	0,	84	0,
54	87	0,	87	0,	86	0,	85	0,	84	0,	84	0,
56	87	0,	87	0,	86	0,	85	0,	84	0,	84	0,
58	87	0,	87	0,	86	0,	85	0,	85	0,	84	0,
60	88	0,	87	0,	86	0,	85	0,	85	0,	84	0,
63	88	20,00	87	0,	86	0,	86	0,	85	0,	84	0,
65	88	40,00	87	0,	86	0,	86	0,	85	0,	84	0,
67	90	90,00	87	0,	87	0,	86	0,	85	0,	84	0,
69	89	70,00	87	0,	87	0,	86	0,	85	0,	85	0,
72	90	70,00	88	0,	87	0,	86	0,	85	0,	85	0,
74	90	90,00	88	0,	87	0,	86	0,	86	0,	85	0,
76	90	70,00	88	0,	87	0,	87	0,	86	0,	85	0,

TABLE 7 (CON,)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
78	90	60,00	88	0,	87	0,	87	0,	86	0,	85	0,
81	89	30,00	88	0,	87	0,	87	0,	86	0,	85	0,
83	89	40,00	88	0,	87	0,	87	0,	86	0,	85	0,
85	89	10,00	88	0,	87	0,	86	0,	86	0,	85	0,
87	89	0,	88	0,	87	0,	86	0,	86	0,	85	0,
90	89	0,	88	0,	87	0,	86	0,	86	0,	85	0,
92	89	10,00	88	0,	87	0,	87	0,	86	0,	85	0,
94	89	10,00	89	0,	88	0,	87	0,	86	0,	86	0,
96	90	20,00	89	0,	88	0,	88	0,	87	0,	86	0,
99	90	0,	89	0,	88	0,	88	0,	87	0,	86	0,
101	90	0,	89	0,	88	0,	88	0,	87	0,	86	0,
103	90	0,	89	0,	88	0,	88	0,	87	0,	86	0,
105	90	0,	89	0,	89	0,	88	0,	87	0,	86	0,
108	90	0,	89	0,	89	0,	88	0,	87	0,	86	0,
110	90	0,	89	0,	89	0,	88	0,	87	0,	86	0,
112	90	0,	89	0,	89	0,	88	0,	87	0,	87	0,
114	90	0,	89	0,	89	0,	88	0,	87	0,	87	0,
117	90	0,	89	0,	89	0,	88	0,	87	0,	87	0,
119	90	0,	90	0,	89	0,	88	0,	87	0,	87	0,
121	90	0,	90	0,	89	0,	88	0,	87	0,	87	0,
123	90	0,	90	0,	89	0,	88	0,	87	0,	87	0,
126	90	0,	90	0,	89	0,	88	0,	87	0,	87	0,
128	90	0,	90	0,	89	0,	88	0,	87	0,	87	0,
130	90	0,	89	0,	89	0,	88	0,	87	0,	87	0,
132	90	0,	89	0,	89	0,	88	0,	87	0,	87	0,
135	90	0,	89	0,	89	0,	88	0,	87	0,	86	0,
137	90	0,	89	0,	88	0,	88	0,	87	0,	86	0,
139	90	0,	89	0,	88	0,	88	0,	87	0,	86	0,
141	90	0,	89	0,	88	0,	87	0,	87	0,	86	0,
144	89	0,	89	0,	88	0,	87	0,	87	0,	86	0,
146	89	0,	89	0,	88	0,	87	0,	86	0,	86	0,
148	89	0,	89	0,	88	0,	87	0,	86	0,	86	0,
150	89	0,	88	0,	88	0,	87	0,	86	0,	86	0,
153	89	0,	88	0,	88	0,	87	0,	86	0,	85	0,

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TABLE 7 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
155	89	0,	88	0,	88	0,	87	0,	86	0,	85	0,
157	89	0,	88	0,	88	0,	87	0,	86	0,	85	0,
159	89	0,	88	0,	88	0,	87	0,	86	0,	85	0,
162	89	0,	88	0,	87	0,	87	0,	86	0,	85	0,
164	89	0,	88	0,	87	0,	87	0,	86	0,	85	0,
166	89	0,	88	0,	87	0,	87	0,	86	0,	85	0,
168	89	0,	88	0,	87	0,	87	0,	86	0,	85	0,
171	89	0,	88	0,	87	0,	87	0,	86	0,	85	0,
173	89	0,	88	0,	87	0,	87	0,	86	0,	85	0,
175	89	0,	88	0,	87	0,	87	0,	86	0,	85	0,
177	89	0,	88	0,	88	0,	87	0,	86	0,	85	0,
180	89	0,	88	0,	88	0,	87	0,	86	0,	85	0,
182	89	0,	88	0,	88	0,	87	0,	86	0,	85	0,
184	89	0,	88	0,	88	0,	87	0,	86	0,	85	0,
186	89	0,	88	0,	88	0,	87	0,	86	0,	86	0,
189	89	10,00	88	0,	88	0,	87	0,	86	0,	86	0,
191	89	20,00	89	0,	88	0,	87	0,	86	0,	86	0,
193	89	10,00	89	0,	88	0,	87	0,	86	0,	86	0,
195	90	20,00	89	0,	88	0,	87	0,	86	0,	86	0,
198	90	20,00	89	0,	88	0,	87	0,	87	0,	86	0,
200	90	20,00	89	0,	88	0,	87	0,	87	0,	86	0,
202	90	20,00	89	0,	88	0,	87	0,	87	0,	86	0,
204	90	30,00	89	0,	88	0,	87	0,	87	0,	86	0,
207	90	20,00	89	0,	88	0,	87	0,	87	0,	86	0,
209	90	20,00	89	0,	88	0,	88	0,	87	0,	86	0,
211	90	20,00	89	0,	88	0,	88	0,	87	0,	86	0,
213	90	0,	89	0,	88	0,	88	0,	87	0,	86	0,
216	90	0,	89	0,	88	0,	88	0,	87	0,	86	0,
218	90	0,	89	0,	89	0,	88	0,	87	0,	86	0,
220	90	0,	89	0,	89	0,	88	0,	87	0,	87	0,
222	90	10,00	89	0,	89	0,	88	0,	87	0,	87	0,
225	90	10,00	90	0,	89	0,	88	0,	87	0,	87	0,
227	90	0,	90	0,	89	0,	88	0,	88	0,	87	0,
229	90	0,	90	0,	89	0,	88	0,	88	0,	87	0,

TABLE 7 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
231	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
234	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
236	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
238	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
240	91	0.	90	0.	90	0.	89	0.	88	0.	88	0.
243	91	0.	91	0.	90	0.	89	0.	88	0.	88	0.
245	91	0.	91	0.	90	0.	89	0.	89	0.	88	0.
247	91	0.	91	0.	90	0.	89	0.	89	0.	88	0.
249	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
252	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
254	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
256	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
258	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
261	92	10.00	91	0.	90	0.	89	0.	89	0.	88	0.
263	91	0.	91	0.	90	0.	89	0.	88	0.	88	0.
265	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
267	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
270	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
272	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
274	91	20.00	90	0.	89	0.	89	0.	88	0.	87	0.
276	93	70.00	91	0.	90	0.	89	0.	89	0.	88	0.
279	93	50.00	91	0.	90	0.	90	0.	89	0.	88	0.
281	92	30.00	91	10.00	91	0.	90	0.	89	0.	88	0.
283	93	30.00	91	10.00	91	0.	90	0.	89	0.	89	0.
285	92	20.00	92	10.00	91	0.	90	0.	89	0.	89	0.
288	92	20.00	91	10.00	91	0.	90	0.	89	0.	89	0.
290	92	10.00	91	10.00	91	0.	90	0.	89	0.	89	0.
292	92	10.00	91	0.	91	0.	90	0.	89	0.	89	0.
294	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
297	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
299	94	90.00	91	0.	91	0.	90	0.	89	0.	89	0.
301	0	100.00	92	10.00	91	0.	90	0.	90	0.	89	0.
303	93	50.00	92	10.00	91	0.	90	0.	90	0.	89	0.
306	92	20.00	92	0.	91	0.	90	0.	89	0.	89	0.

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TABLE 7 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
308	92	10,00	91	0,	90	0,	90	0,	89	0,	88	0,
310	91	0,	91	0,	90	0,	89	0,	89	0,	88	0,
312	91	0,	91	0,	90	0,	89	0,	88	0,	88	0,
315	91	20,00	90	0,	90	0,	89	0,	88	0,	88	0,
317	91	30,00	90	0,	90	0,	89	0,	88	0,	87	0,
319	91	30,00	90	0,	89	0,	89	0,	88	0,	87	0,
321	91	40,00	90	0,	89	0,	89	0,	88	0,	87	0,
324	91	50,00	90	0,	89	0,	88	0,	88	0,	87	0,
326	91	40,00	90	0,	89	0,	88	0,	88	0,	87	0,
328	91	50,00	90	0,	89	0,	88	0,	88	0,	87	0,
330	91	40,00	90	0,	89	0,	88	0,	87	0,	87	0,
333	91	50,00	89	0,	89	0,	88	0,	87	0,	87	0,
335	91	40,00	89	0,	89	0,	88	0,	87	0,	86	0,
337	91	40,00	89	0,	88	0,	88	0,	87	0,	86	0,
339	90	20,00	89	0,	88	0,	88	0,	87	0,	86	0,
342	90	30,00	89	0,	88	0,	88	0,	87	0,	86	0,
344	90	30,00	89	0,	88	0,	87	0,	87	0,	86	0,
346	90	30,00	89	0,	88	0,	87	0,	87	0,	86	0,
348	90	30,00	89	0,	88	0,	87	0,	87	0,	86	0,
351	90	40,00	89	0,	88	0,	87	0,	86	0,	86	0,
353	90	50,00	89	0,	88	0,	87	0,	86	0,	86	0,
355	0	100,00	89	0,	88	0,	87	0,	86	0,	86	0,
357	0	100,00	89	0,	88	0,	87	0,	86	0,	86	0,
360	0	100,00	89	0,	88	0,	87	0,	87	0,	86	0,
AVERAGE SHIELDING		23,62		1,25		0,		0,		0,		0,
AVERAGE TARGET CONTACT ANGLE		90		89		88		88		87		86

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE-2
C-2

TABLE 8

SHIELDING OF TARGET AT POSITION C
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
18	96	20,00	88	0,	83	0,	77	0,	72	0,	67	0,
36	92	0,	86	0,	80	0,	75	0,	70	0,	65	0,
54	91	10,00	85	0,	79	0,	74	0,	69	0,	64	0,
72	90	0,	84	0,	79	0,	73	0,	68	0,	63	0,
90	91	0,	85	0,	80	0,	74	0,	69	0,	64	0,
108	91	0,	85	0,	79	0,	74	0,	69	0,	64	0,
126	93	10,00	87	0,	81	0,	76	0,	71	0,	66	0,
144	95	10,00	90	0,	84	0,	78	0,	73	0,	68	0,
162	99	20,00	92	0,	86	0,	80	0,	75	0,	70	0,
180	91	0,	85	0,	80	0,	74	0,	69	0,	64	0,
198	100	20,00	93	0,	87	0,	81	0,	76	0,	70	0,
216	99	20,00	92	0,	86	0,	80	0,	75	0,	69	0,
234	95	10,00	89	0,	83	0,	78	0,	72	0,	67	0,
252	93	0,	87	0,	81	0,	76	0,	71	0,	66	0,
270	92	0,	87	0,	81	0,	75	0,	70	0,	65	0,
288	92	0,	86	0,	81	0,	75	0,	70	0,	65	0,
306	93	10,00	87	0,	81	0,	76	0,	71	0,	66	0,
324	96	20,00	89	0,	83	0,	78	0,	72	0,	67	0,
342	97	20,00	90	0,	84	0,	78	0,	73	0,	68	0,
360	97	20,00	90	0,	84	0,	78	0,	73	0,	68	0,
AVERAGE SHIELDING		9,50		0,		0,		0,		0,		0,
AVERAGE TARGET CONTACT ANGLE		94		88		82		77		71		66

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8

SHIELDING OF TARGET AT POSITION C

RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
9	93	10,00	90	0,	87	0,	84	0,	82	0,	79	0,
18	92	0,	89	0,	87	0,	84	0,	81	0,	78	0,
27	92	0,	89	0,	86	0,	83	0,	80	0,	78	0,
36	91	0,	88	0,	85	0,	83	0,	80	0,	77	0,
45	91	0,	88	0,	85	0,	82	0,	79	0,	76	0,
54	90	0,	87	0,	84	0,	82	0,	79	0,	76	0,
63	90	0,	87	0,	84	0,	81	0,	79	0,	76	0,
72	90	10,00	87	0,	84	0,	81	0,	78	0,	76	0,
81	89	0,	86	0,	83	0,	81	0,	78	0,	75	0,
90	90	0,	87	0,	85	0,	82	0,	79	0,	76	0,
99	90	0,	87	0,	84	0,	81	0,	78	0,	76	0,
108	92	20,00	88	0,	85	0,	82	0,	79	0,	77	0,
117	93	20,00	89	0,	86	0,	84	0,	81	0,	78	0,
126	94	10,00	91	0,	88	0,	85	0,	82	0,	79	0,
135	94	10,00	92	0,	89	0,	86	0,	83	0,	80	0,
144	95	10,00	92	0,	89	0,	86	0,	84	0,	81	0,
153	96	10,00	93	0,	90	0,	87	0,	84	0,	81	0,
162	96	10,00	93	0,	90	0,	87	0,	85	0,	82	0,
171	96	10,00	93	0,	91	0,	88	0,	85	0,	82	0,
180	97	10,00	94	0,	91	0,	88	0,	85	0,	82	0,
189	97	10,00	94	0,	91	0,	88	0,	85	0,	82	0,
198	97	10,00	94	0,	91	0,	88	0,	86	0,	83	0,
207	97	10,00	95	0,	92	0,	89	0,	86	0,	83	0,
216	99	20,00	95	0,	92	0,	89	0,	86	0,	84	0,
225	99	30,00	95	0,	92	0,	89	0,	86	0,	83	0,
234	100	50,00	94	0,	91	0,	88	0,	85	0,	82	0,
243	97	40,00	92	0,	89	0,	86	0,	83	0,	81	0,
252	95	30,00	90	0,	87	0,	84	0,	82	0,	79	0,
261	92	0,	89	0,	86	0,	83	0,	80	0,	78	0,
270	91	0,	89	0,	86	0,	83	0,	80	0,	77	0,
279	91	0,	88	0,	86	0,	83	0,	80	0,	77	0,
288	93	20,00	89	0,	86	0,	83	0,	81	0,	78	0,
297	96	40,00	91	0,	88	0,	85	0,	82	0,	79	0,
306	95	20,00	92	0,	89	0,	86	0,	83	0,	80	0,

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
315	96	20.00	92	0.	89	0.	86	0.	84	0.	81	0.
324	95	18.00	92	0.	89	0.	86	0.	84	0.	81	0.
333	95	19.00	92	0.	89	0.	86	0.	83	0.	80	0.
342	94	10.00	91	0.	89	0.	86	0.	83	0.	80	0.
351	94	10.00	91	0.	88	0.	85	0.	83	0.	80	0.
360	94	10.00	91	0.	88	0.	85	0.	82	0.	79	0.
AVERAGE SHIELDING		12.00		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		94		91		88		85		82		79

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8

SHIELDING OF TARGET AT POSITION C

RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
6	91	0,	89	0,	87	0,	85	0,	83	0,	81	0,
12	90	0,	89	0,	87	0,	85	0,	83	0,	81	0,
18	90	0,	88	0,	86	0,	85	0,	83	0,	81	0,
24	90	0,	88	0,	86	0,	84	0,	82	0,	81	0,
30	90	0,	88	0,	86	0,	84	0,	82	0,	80	0,
36	90	0,	88	0,	86	0,	84	0,	82	0,	80	0,
42	89	0,	87	0,	85	0,	84	0,	82	0,	80	0,
48	89	0,	87	0,	85	0,	83	0,	81	0,	80	0,
54	89	0,	87	0,	85	0,	83	0,	81	0,	79	0,
60	89	0,	87	0,	85	0,	83	0,	81	0,	79	0,
66	89	0,	87	0,	85	0,	83	0,	81	0,	80	0,
72	89	0,	87	0,	86	0,	84	0,	82	0,	80	0,
78	89	10,00	87	0,	85	0,	83	0,	82	0,	80	0,
84	89	0,	87	0,	85	0,	83	0,	81	0,	79	0,
90	89	0,	87	0,	85	0,	83	0,	81	0,	79	0,
96	89	0,	87	0,	85	0,	84	0,	82	0,	80	0,
102	91	30,00	88	0,	86	0,	84	0,	82	0,	81	0,
108	92	20,00	89	0,	87	0,	85	0,	83	0,	81	0,
114	92	10,00	90	0,	88	0,	86	0,	84	0,	82	0,
120	92	10,00	90	0,	89	0,	87	0,	85	0,	83	0,
126	93	10,00	91	0,	89	0,	87	0,	85	0,	83	0,
132	93	0,	91	0,	89	0,	87	0,	85	0,	83	0,
138	93	0,	91	0,	89	0,	88	0,	86	0,	84	0,
144	94	0,	92	0,	90	0,	88	0,	86	0,	84	0,
150	94	0,	92	0,	90	0,	88	0,	86	0,	84	0,
156	94	0,	92	0,	90	0,	88	0,	86	0,	84	0,
162	94	0,	92	0,	90	0,	88	0,	86	0,	84	0,
168	94	0,	92	0,	90	0,	88	0,	86	0,	84	0,
174	94	0,	92	0,	90	0,	88	0,	86	0,	85	0,
180	94	0,	92	0,	90	0,	88	0,	87	0,	85	0,
186	94	0,	92	0,	90	0,	89	0,	87	0,	85	0,
192	94	0,	92	0,	90	0,	89	0,	87	0,	85	0,
198	94	0,	92	0,	91	0,	89	0,	87	0,	85	0,
204	94	0,	93	0,	91	0,	89	0,	87	0,	85	0,

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
210	95	0,	93	0,	91	0,	89	0,	87	0,	85	0,
216	95	0,	93	0,	91	0,	89	0,	87	0,	85	0,
222	95	0,	93	0,	91	0,	89	0,	87	0,	85	0,
228	95	0,	93	0,	91	0,	89	0,	87	0,	85	0,
234	96	10,00	94	0,	92	0,	90	0,	88	0,	86	0,
240	96	20,00	94	10,00	92	0,	90	0,	88	0,	86	0,
246	96	30,00	93	0,	91	0,	89	0,	87	0,	85	0,
252	95	30,00	92	0,	90	0,	88	0,	86	0,	84	0,
258	93	20,00	90	0,	88	0,	86	0,	85	0,	83	0,
264	91	0,	89	0,	88	0,	86	0,	84	0,	82	0,
270	91	0,	89	0,	87	0,	85	0,	84	0,	82	0,
276	91	0,	89	0,	87	0,	85	0,	84	0,	82	0,
282	93	30,00	90	0,	88	0,	86	0,	84	0,	82	0,
288	94	40,00	91	0,	89	0,	87	0,	85	0,	83	0,
294	95	30,00	92	0,	90	0,	88	0,	86	0,	84	0,
300	94	20,00	92	0,	90	0,	88	0,	86	0,	84	0,
306	94	10,00	92	0,	90	0,	88	0,	86	0,	84	0,
312	94	10,00	92	0,	90	0,	88	0,	86	0,	84	0,
318	94	10,00	92	0,	90	0,	88	0,	86	0,	84	0,
324	93	0,	91	0,	89	0,	87	0,	85	0,	83	0,
330	93	0,	91	0,	89	0,	87	0,	85	0,	83	0,
336	92	0,	90	0,	88	0,	86	0,	84	0,	83	0,
342	92	0,	90	0,	88	0,	86	0,	84	0,	82	0,
348	92	0,	90	0,	88	0,	86	0,	84	0,	82	0,
354	91	0,	89	0,	88	0,	86	0,	84	0,	82	0,
360	91	0,	89	0,	87	0,	85	0,	84	0,	82	0,
AVERAGE SHIELDING		5,83		0,17		0,		0,		0,		0,
AVERAGE TARGET CONTACT ANGLE		92		90		88		86		85		83

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 8

SHIELDING OF TARGET AT POSITION C
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
4	89	0,	88	0,	87	0,	85	0,	84	0,	82	0,
9	89	0,	88	0,	86	0,	85	0,	83	0,	82	0,
13	89	0,	88	0,	86	0,	85	0,	83	0,	82	0,
18	89	0,	88	0,	86	0,	85	0,	83	0,	82	0,
22	89	0,	87	0,	86	0,	85	0,	83	0,	82	0,
27	89	0,	87	0,	86	0,	85	0,	83	0,	82	0,
31	89	0,	87	0,	86	0,	84	0,	83	0,	82	0,
36	89	0,	87	0,	86	0,	84	0,	83	0,	81	0,
40	88	0,	87	0,	86	0,	84	0,	83	0,	81	0,
45	88	0,	87	0,	85	0,	84	0,	83	0,	81	0,
49	88	0,	87	0,	85	0,	84	0,	82	0,	81	0,
54	88	0,	87	0,	85	0,	84	0,	82	0,	81	0,
58	88	0,	87	0,	85	0,	84	0,	82	0,	81	0,
63	88	0,	87	0,	85	0,	84	0,	83	0,	81	0,
67	88	0,	87	0,	85	0,	84	0,	83	0,	81	0,
72	89	0,	87	0,	86	0,	84	0,	83	0,	82	0,
76	89	0,	88	0,	86	0,	85	0,	83	0,	82	0,
81	89	10.00	88	0,	86	0,	85	0,	83	0,	82	0,
85	89	0,	87	0,	86	0,	84	0,	83	0,	82	0,
90	89	0,	87	0,	86	0,	85	0,	83	0,	82	0,
94	89	10.00	88	0,	86	0,	85	0,	83	0,	82	0,
99	91	30.00	88	0,	87	0,	85	0,	84	0,	83	0,
103	91	20.00	89	0,	88	0,	86	0,	85	0,	83	0,
108	91	10.00	90	0,	88	0,	87	0,	85	0,	84	0,
112	91	10.00	90	0,	89	0,	87	0,	86	0,	84	0,
117	92	0,	90	0,	89	0,	87	0,	86	0,	84	0,
121	92	0,	90	0,	89	0,	87	0,	86	0,	85	0,
126	92	0,	91	0,	89	0,	88	0,	86	0,	85	0,
130	92	0,	91	0,	89	0,	88	0,	86	0,	85	0,
135	92	0,	91	0,	89	0,	88	0,	87	0,	85	0,
139	92	0,	91	0,	90	0,	88	0,	87	0,	85	0,
144	93	0,	91	0,	90	0,	88	0,	87	0,	85	0,
148	93	0,	91	0,	90	0,	88	0,	87	0,	85	0,
153	93	0,	91	0,	90	0,	88	0,	87	0,	86	0,

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
157	93	0.	91	0.	90	0.	88	0.	87	0.	86	0.
162	93	0.	91	0.	90	0.	88	0.	87	0.	86	0.
166	93	0.	91	0.	90	0.	88	0.	87	0.	86	0.
171	93	0.	91	0.	90	0.	88	0.	87	0.	86	0.
175	93	0.	91	0.	90	0.	88	0.	87	0.	86	0.
180	93	0.	91	0.	90	0.	88	0.	87	0.	86	0.
184	93	0.	91	0.	90	0.	88	0.	87	0.	86	0.
189	93	0.	91	0.	90	0.	88	0.	87	0.	86	0.
193	93	0.	91	0.	90	0.	88	0.	87	0.	86	0.
198	93	0.	91	0.	90	0.	89	0.	87	0.	86	0.
202	93	0.	91	0.	90	0.	89	0.	87	0.	86	0.
207	93	0.	91	0.	90	0.	89	0.	87	0.	86	0.
211	93	0.	92	0.	90	0.	89	0.	87	0.	86	0.
216	93	0.	92	0.	90	0.	89	0.	87	0.	86	0.
220	93	0.	92	0.	90	0.	89	0.	88	0.	86	0.
225	93	0.	92	0.	91	0.	89	0.	88	0.	86	0.
229	94	0.	92	0.	91	0.	89	0.	88	0.	86	0.
234	94	0.	92	0.	91	0.	90	0.	88	0.	87	0.
238	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
243	95	10.00	93	0.	92	0.	90	0.	89	0.	88	0.
247	95	20.00	93	10.00	92	0.	90	0.	89	0.	87	0.
252	94	20.00	92	0.	91	0.	89	0.	88	0.	86	0.
256	93	30.00	91	0.	90	0.	88	0.	87	0.	85	0.
261	92	10.00	90	0.	89	0.	87	0.	86	0.	84	0.
265	91	0.	90	0.	88	0.	87	0.	85	0.	84	0.
270	91	0.	90	0.	88	0.	87	0.	85	0.	84	0.
274	91	0.	90	0.	88	0.	87	0.	85	0.	84	0.
279	92	30.00	90	0.	89	0.	87	0.	86	0.	84	0.
283	94	40.00	91	0.	89	0.	88	0.	87	0.	85	0.
288	94	30.00	91	0.	90	0.	89	0.	87	0.	86	0.
292	94	20.00	92	0.	90	0.	89	0.	87	0.	86	0.
297	93	10.00	92	0.	90	0.	89	0.	87	0.	86	0.
301	93	10.00	91	0.	90	0.	89	0.	87	0.	86	0.
306	93	10.00	91	0.	90	0.	88	0.	87	0.	85	0.

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TABLE 8 (CON,)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
310	92	0,	91	0,	89	0,	88	0,	87	0,	85	0,
315	92	0,	91	0,	89	0,	88	0,	86	0,	85	0,
319	92	0,	90	0,	89	0,	87	0,	86	0,	84	0,
324	91	0,	90	0,	88	0,	87	0,	86	0,	84	0,
328	91	0,	89	0,	88	0,	87	0,	85	0,	84	0,
333	91	0,	89	0,	88	0,	86	0,	85	0,	83	0,
337	90	0,	89	0,	88	0,	86	0,	85	0,	83	0,
342	90	0,	89	0,	87	0,	86	0,	84	0,	83	0,
346	90	0,	89	0,	87	0,	86	0,	84	0,	83	0,
351	90	0,	88	0,	87	0,	86	0,	84	0,	83	0,
355	90	0,	88	0,	87	0,	85	0,	84	0,	83	0,
360	90	0,	88	0,	87	0,	85	0,	84	0,	82	0,
AVERAGE SHIELDING		4,12		0,12		0,		0,		0,		0,
AVERAGE TARGET CONTACT ANGLE		91		90		88		87		86		84

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 8

SHIELDING OF TARGET AT POSITION C
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	89	0.	88	0.	86	0.	85	0.	84	0.	83	0.
7	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
10	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
14	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
18	88	0.	87	0.	86	0.	85	0.	84	0.	82	0.
21	88	0.	87	0.	86	0.	85	0.	83	0.	82	0.
25	88	0.	87	0.	86	0.	84	0.	83	0.	82	0.
28	88	0.	87	0.	85	0.	84	0.	83	0.	82	0.
32	88	0.	87	0.	85	0.	84	0.	83	0.	82	0.
36	88	0.	86	0.	85	0.	84	0.	83	0.	82	0.
39	88	0.	86	0.	85	0.	84	0.	83	0.	82	0.
43	88	0.	86	0.	85	0.	84	0.	83	0.	82	0.
46	87	0.	86	0.	85	0.	84	0.	83	0.	82	0.
50	87	0.	86	0.	85	0.	84	0.	83	0.	82	0.
54	87	0.	86	0.	85	0.	84	0.	83	0.	82	0.
57	88	0.	86	0.	85	0.	84	0.	83	0.	82	0.
61	88	0.	87	0.	85	0.	84	0.	83	0.	82	0.
64	88	0.	87	0.	86	0.	84	0.	83	0.	82	0.
68	88	0.	87	0.	86	0.	85	0.	84	0.	82	0.
72	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
75	89	0.	88	0.	86	0.	85	0.	84	0.	83	0.
79	89	0.	88	0.	87	0.	86	0.	84	0.	83	0.
82	89	0.	88	0.	87	0.	85	0.	84	0.	83	0.
86	89	0.	88	0.	86	0.	85	0.	84	0.	83	0.
90	89	0.	88	0.	86	0.	85	0.	84	0.	83	0.
93	89	0.	88	0.	87	0.	85	0.	84	0.	83	0.
97	89	10.00	88	0.	87	0.	86	0.	85	0.	84	0.
100	90	20.00	89	0.	88	0.	87	0.	85	0.	84	0.
104	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
108	91	10.00	90	0.	89	0.	87	0.	86	0.	85	0.
111	91	0.	90	0.	89	0.	87	0.	86	0.	85	0.
115	91	0.	90	0.	89	0.	88	0.	86	0.	85	0.
118	91	0.	90	0.	89	0.	88	0.	87	0.	85	0.
122	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
126	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
129	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
133	92	0,	90	0,	89	0,	88	0,	87	0,	86	0,
136	92	0,	90	0,	89	0,	88	0,	87	0,	86	0,
140	92	0,	91	0,	89	0,	88	0,	87	0,	86	0,
144	92	0,	91	0,	89	0,	88	0,	87	0,	86	0,
147	92	0,	90	0,	89	0,	88	0,	87	0,	86	0,
151	92	0,	90	0,	89	0,	88	0,	87	0,	86	0,
154	92	0,	90	0,	89	0,	88	0,	87	0,	86	0,
158	92	0,	90	0,	89	0,	88	0,	87	0,	86	0,
162	92	0,	90	0,	89	0,	88	0,	87	0,	86	0,
165	92	0,	90	0,	89	0,	88	0,	87	0,	86	0,
169	92	0,	90	0,	89	0,	88	0,	87	0,	86	0,
172	92	0,	90	0,	89	0,	88	0,	87	0,	86	0,
176	92	0,	90	0,	89	0,	88	0,	87	0,	86	0,
180	92	0,	90	0,	89	0,	88	0,	87	0,	86	0,
183	92	0,	90	0,	89	0,	88	0,	87	0,	86	0,
187	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
190	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
194	92	0,	90	0,	89	0,	88	0,	87	0,	86	0,
198	92	0,	90	0,	89	0,	88	0,	87	0,	86	0,
201	92	0,	91	0,	89	0,	88	0,	87	0,	86	0,
205	92	0,	91	0,	89	0,	88	0,	87	0,	86	0,
208	92	0,	91	0,	89	0,	88	0,	87	0,	86	0,
212	92	0,	91	0,	90	0,	88	0,	87	0,	86	0,
216	92	0,	91	0,	90	0,	88	0,	87	0,	86	0,
219	92	0,	91	0,	90	0,	89	0,	87	0,	86	0,
223	92	0,	91	0,	90	0,	89	0,	88	0,	86	0,
226	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,
230	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,
234	93	0,	92	0,	90	0,	89	0,	88	0,	87	0,
237	93	0,	92	0,	91	0,	90	0,	88	0,	87	0,
241	93	0,	92	0,	91	0,	90	0,	89	0,	87	0,
244	93	0,	92	0,	91	0,	90	0,	89	0,	88	0,

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
248	94	10,00	93	0,	91	0,	90	0,	89	0%	88	0,
252	93	10,00	92	0,	91	0,	90	0,	89	0%	88	0,
255	93	20,00	92	0,	90	0,	89	0,	88	0%	87	0,
259	92	10,00	91	0,	90	0,	88	0,	87	0%	86	0,
262	91	0,	90	0,	89	0,	88	0,	87	0%	86	0,
266	91	0,	90	0,	89	0,	88	0,	86	0%	85	0,
270	91	0,	90	0,	89	0,	87	0,	86	0%	85	0,
273	91	0,	90	0,	89	0,	88	0,	86	0%	85	0,
277	92	30,00	90	0,	89	0,	88	0,	87	0%	86	0,
280	95	80,00	91	0,	90	0,	89	0,	88	0%	86	0,
284	0	100,00	92	10,00	91	0,	89	0,	88	0%	87	0,
288	0	100,00	92	10,00	91	0,	90	0,	89	0%	88	0,
291	0	100,00	92	10,00	91	0,	90	0,	89	0%	87	0,
295	93	10,00	91	0,	90	0,	89	0,	88	0%	87	0,
298	92	0,	91	0,	90	0,	89	0,	88	0%	87	0,
302	93	20,00	91	0,	90	0,	89	0,	88	0%	86	0,
306	92	0,	91	0,	89	0,	88	0,	87	0%	86	0,
309	91	0,	90	0,	89	0,	88	0,	87	0%	86	0,
313	91	0,	90	0,	89	0,	88	0,	86	0%	85	0,
316	91	0,	90	0,	89	0,	87	0,	86	0%	85	0,
320	91	0,	89	0,	88	0,	87	0,	86	0%	85	0,
324	90	0,	89	0,	88	0,	87	0,	86	0%	85	0,
327	90	0,	89	0,	88	0,	87	0,	86	0%	85	0,
331	90	0,	89	0,	88	0,	87	0,	85	0%	84	0,
334	90	0,	89	0,	88	0,	86	0,	85	0%	84	0,
338	90	0,	89	0,	87	0,	86	0,	85	0%	84	0,
342	90	0,	88	0,	87	0,	86	0,	85	0%	84	0,
345	89	0,	88	0,	87	0,	86	0,	85	0%	84	0,
349	89	0,	88	0,	87	0,	86	0,	85	0%	84	0,
352	89	0,	88	0,	87	0,	86	0,	84	0%	83	0,
356	89	0,	88	0,	87	0,	86	0,	84	0%	83	0,
360	89	0,	88	0,	87	0,	85	0,	84	0%	83	0,
AVERAGE SHIELDING		5,50		0,30		0,		0,		0%		0,
AVERAGE TARGET CONTACT ANGLE		91		89		88		87		86		85

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

AD-A040 173 ARMY ENGINEER WATERWAYS EXPERIMENT STATION VICKSBURG MISS F/G 18/6
ANALYTICAL STUDY OF GROUND-SURFACE SHIELDING CHARACTERISTICS OF--ETC(U)
JUN 74 H W WEST, P L DOIRON, J A PARKS

UNCLASSIFIED WES-TR-M-74-4-VOL-2 NL

3 OF 21
AD A040173

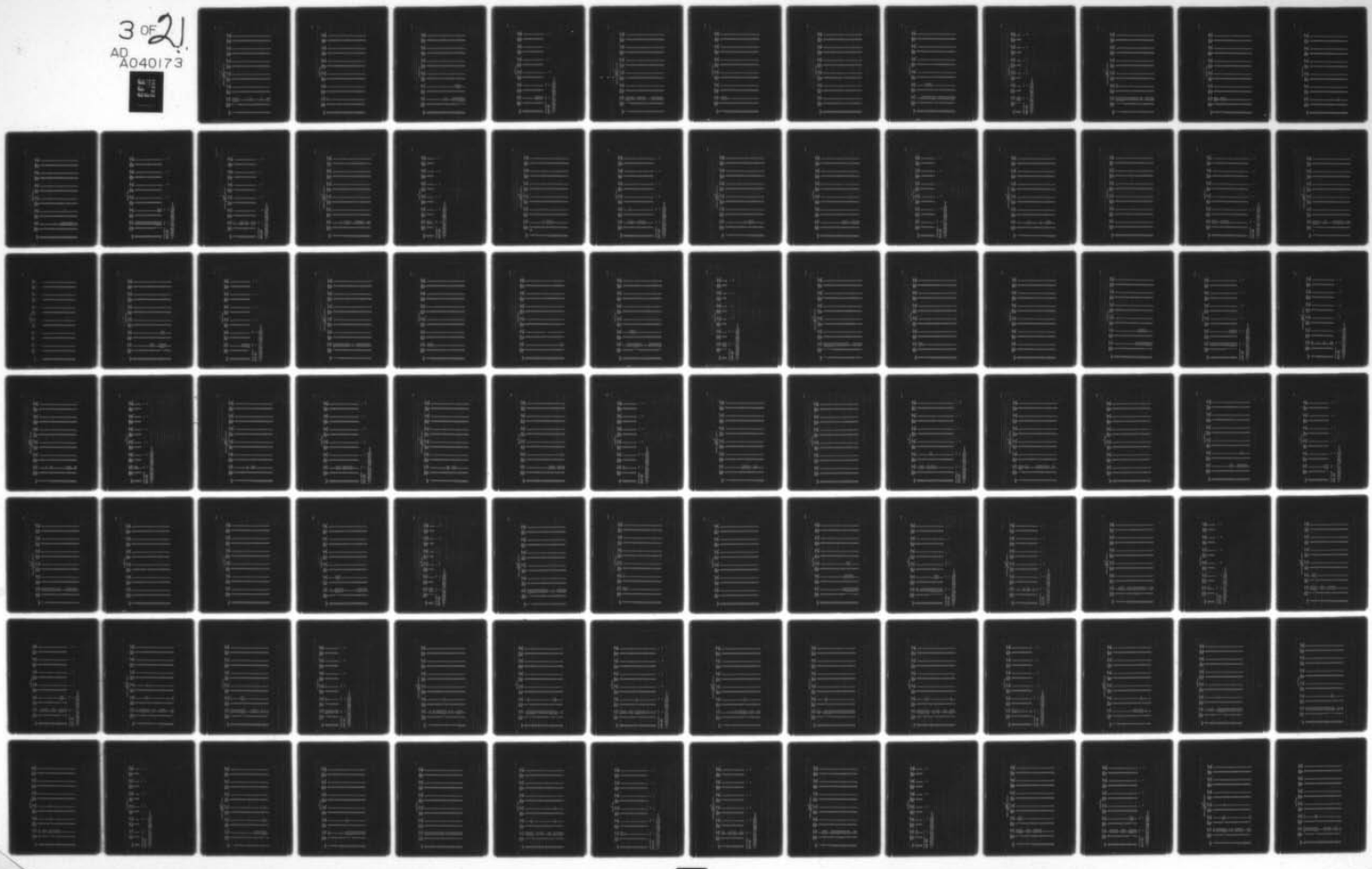

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TABLE 8

SHIELDING OF TARGET AT POSITION C

RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	90	60,00	88	0,	87	0,	86	0,	85	0,	84	0,
6	0	100,00	88	0,	87	0,	86	0,	85	0,	84	0,
9	0	100,00	87	0,	86	0,	86	0,	85	0,	84	0,
12	0	100,00	87	0,	86	0,	85	0,	84	0,	84	0,
15	0	100,00	87	0,	86	0,	85	0,	84	0,	83	0,
18	0	100,00	87	0,	86	0,	85	0,	84	0,	83	0,
21	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
24	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
27	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
30	87	0,	86	0,	85	0,	85	0,	84	0,	83	0,
33	87	0,	86	0,	85	0,	84	0,	84	0,	83	0,
36	87	0,	86	0,	85	0,	84	0,	83	0,	82	0,
39	87	0,	86	0,	85	0,	84	0,	83	0,	82	0,
42	87	0,	86	0,	85	0,	84	0,	83	0,	82	0,
45	87	10,00	86	0,	85	0,	84	0,	83	0,	82	0,
48	87	0,	86	0,	85	0,	84	0,	83	0,	82	0,
51	87	10,00	86	0,	85	0,	84	0,	83	0,	83	0,
54	87	10,00	86	0,	85	0,	84	0,	84	0,	83	0,
57	87	0,	87	0,	86	0,	85	0,	84	0,	83	0,
60	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
63	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
66	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
69	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
72	88	0,	87	0,	86	0,	85	0,	84	0,	84	0,
75	88	0,	88	0,	87	0,	86	0,	85	0,	84	0,
78	89	0,	88	0,	87	0,	86	0,	85	0,	84	0,
81	89	10,00	88	0,	87	0,	86	0,	85	0,	84	0,
84	89	0,	88	0,	87	0,	86	0,	85	0,	84	0,
87	89	0,	88	0,	87	0,	86	0,	85	0,	84	0,
90	89	0,	88	0,	87	0,	86	0,	85	0,	84	0,
93	89	0,	88	0,	87	0,	86	0,	85	0,	84	0,
96	89	10,00	88	0,	87	0,	86	0,	85	0,	84	0,
99	90	30,00	89	0,	88	0,	87	0,	86	0,	85	0,
102	91	30,00	89	0,	88	0,	87	0,	87	0,	86	0,

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
105	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
108	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
111	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
114	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
117	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
120	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
123	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
126	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
129	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
132	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
135	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
138	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
141	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
144	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
147	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
150	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
153	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
156	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
159	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
162	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
165	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
168	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
171	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
174	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
177	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
180	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
183	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
186	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
189	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
192	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
195	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
198	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
201	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
204	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
207	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
210	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
213	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
216	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
219	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
222	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
225	91	0,	90	0,	89	0,	88	0,	88	0,	87	0,
228	91	0,	90	0,	90	0,	89	0,	88	0,	87	0,
231	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,
234	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,
237	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,
240	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,
243	92	0,	91	0,	90	0,	89	0,	89	0,	88	0,
246	93	0,	92	0,	91	0,	90	0,	89	0,	88	0,
249	93	0,	92	0,	91	0,	90	0,	89	0,	88	0,
252	93	0,	92	0,	91	0,	90	0,	89	0,	88	0,
255	92	10,00	92	0,	91	0,	90	0,	89	0,	88	0,
258	92	10,00	91	0,	90	0,	89	0,	88	0,	87	0,
261	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,
264	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
267	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
270	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
273	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
276	92	26,00	90	0,	89	0,	88	0,	87	0,	86	0,
279	93	40,00	91	0,	90	0,	89	0,	88	0,	87	0,
282	94	50,00	92	10,00	91	0,	90	0,	89	0,	88	0,
285	95	60,00	93	20,00	91	0,	90	0,	89	0,	88	0,
288	95	70,00	93	20,00	92	0,	91	0,	90	0,	89	0,
291	0	100,00	93	10,00	92	0,	91	0,	90	0,	89	0,
294	0	100,00	92	10,00	92	0,	91	0,	90	0,	89	0,
297	0	100,00	92	0,	91	0,	90	0,	89	0,	88	0,
300	0	100,00	92	0,	91	0,	90	0,	89	0,	88	0,
303	0	100,00	91	0,	90	0,	89	0,	88	0,	87	0,
306	92	20,00	90	0,	89	0,	89	0,	88	0,	87	0,

TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
309	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
312	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
315	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
318	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
321	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
324	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
327	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
330	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
333	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
336	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
339	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
342	90	20.00	88	0.	87	0.	86	0.	86	0.	85	0.
345	90	30.00	88	0.	87	0.	86	0.	85	0.	84	0.
348	89	10.00	88	0.	87	0.	86	0.	85	0.	84	0.
351	89	20.00	88	0.	87	0.	86	0.	85	0.	84	0.
354	89	20.00	88	0.	87	0.	86	0.	85	0.	84	0.
357	89	30.00	88	0.	87	0.	86	0.	85	0.	84	0.
360	89	30.00	88	0.	87	0.	86	0.	85	0.	84	0.
AVERAGE SHIELDING		13.67		0.58		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		89		88		87		86		85

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 8

SHIELDING OF TARGET AT POSITION C
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	0	100.00	88	0.	87	0.	86	0.	85	0.	85	0.
5	0	100.00	88	0.	87	0.	86	0.	85	0.	84	0.
7	0	100.00	88	0.	87	0.	86	0.	85	0.	84	0.
10	0	100.00	87	0.	87	0.	86	0.	85	0.	84	0.
12	90	80.00	87	0.	86	0.	86	0.	85	0.	84	0.
15	89	70.00	87	0.	86	0.	85	0.	85	0.	84	0.
18	88	30.00	87	0.	86	0.	85	0.	84	0.	84	0.
20	88	20.00	87	0.	86	0.	85	0.	84	0.	84	0.
23	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
25	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
28	88	20.00	87	0.	86	0.	85	0.	84	0.	83	0.
30	89	70.00	87	0.	86	0.	85	0.	84	0.	83	0.
33	88	40.00	86	0.	86	0.	85	0.	84	0.	83	0.
36	88	30.00	86	0.	86	0.	85	0.	84	0.	83	0.
38	88	30.00	86	0.	85	0.	85	0.	84	0.	83	0.
41	87	10.00	86	0.	85	0.	85	0.	84	0.	83	0.
43	87	20.00	86	0.	85	0.	85	0.	84	0.	83	0.
46	87	10.00	86	0.	85	0.	85	0.	84	0.	83	0.
48	87	0.	86	0.	85	0.	85	0.	84	0.	83	0.
51	87	0.	86	0.	86	0.	85	0.	84	0.	83	0.
54	87	0.	86	0.	86	0.	85	0.	84	0.	83	0.
56	87	0.	87	0.	86	0.	85	0.	84	0.	83	0.
59	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
61	88	10.00	87	0.	86	0.	85	0.	84	0.	84	0.
64	89	40.00	87	0.	86	0.	85	0.	85	0.	84	0.
66	89	50.00	87	0.	86	0.	86	0.	85	0.	84	0.
69	89	60.00	87	0.	87	0.	86	0.	85	0.	84	0.
72	89	50.00	88	0.	87	0.	86	0.	85	0.	84	0.
74	90	60.00	88	0.	87	0.	86	0.	85	0.	85	0.
77	89	20.00	88	0.	87	0.	86	0.	86	0.	85	0.
79	90	50.00	88	0.	87	0.	87	0.	86	0.	85	0.
82	89	20.00	88	0.	87	0.	87	0.	86	0.	85	0.
84	89	10.00	88	0.	87	0.	86	0.	85	0.	85	0.
87	89	0.	88	0.	87	0.	86	0.	85	0.	85	0.

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TABLE 8 (CON,)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
90	89	0.	88	0,	87	0.	86	0,	85	0,	85	0,
92	89	10.00	88	0,	87	0.	86	0,	86	0,	85	0,
95	89	10.00	88	0,	87	0.	87	0,	86	0,	85	0,
97	90	20.00	89	0,	88	0.	87	0,	86	0,	86	0,
100	90	20.00	89	0,	88	0.	88	0,	87	0,	86	0,
102	90	10.00	89	0,	88	0.	88	0,	87	0,	86	0,
105	90	0.	89	0,	88	0.	88	0,	87	0,	86	0,
108	90	0.	89	0,	89	0.	88	0,	87	0,	86	0,
110	90	0.	89	0,	89	0.	88	0,	87	0,	86	0,
113	90	0.	89	0,	89	0.	88	0,	87	0,	86	0,
115	90	0.	90	0,	89	0.	88	0,	87	0,	86	0,
118	90	0.	90	0,	89	0.	88	0,	87	0,	86	0,
120	91	0.	90	0,	89	0.	88	0,	87	0,	86	0,
123	91	0.	90	0,	89	0.	88	0,	87	0,	86	0,
126	91	0.	90	0,	89	0.	88	0,	87	0,	87	0,
128	91	0.	90	0,	89	0.	88	0,	87	0,	87	0,
131	91	0.	90	0,	89	0.	88	0,	87	0,	87	0,
133	91	0.	90	0,	89	0.	88	0,	87	0,	86	0,
136	91	0.	90	0,	89	0.	88	0,	87	0,	86	0,
138	91	0.	90	0,	89	0.	88	0,	87	0,	86	0,
141	90	0.	90	0,	89	0.	88	0,	87	0,	86	0,
144	90	0.	90	0,	89	0.	88	0,	87	0,	86	0,
146	90	0.	89	0,	89	0.	88	0,	87	0,	86	0,
149	90	0.	89	0,	88	0.	88	0,	87	0,	86	0,
151	90	0.	89	0,	88	0.	88	0,	87	0,	86	0,
154	90	0.	89	0,	88	0.	88	0,	87	0,	86	0,
156	90	0.	89	0,	88	0.	87	0,	87	0,	86	0,
159	90	0.	89	0,	88	0.	87	0,	87	0,	86	0,
162	90	0.	89	0,	88	0.	87	0,	87	0,	86	0,
164	90	0.	89	0,	88	0.	87	0,	86	0,	86	0,
167	90	0.	89	0,	88	0.	87	0,	86	0,	86	0,
169	90	0.	89	0,	88	0.	87	0,	86	0,	86	0,
172	90	0.	89	0,	88	0.	87	0,	86	0,	86	0,
174	90	0.	89	0,	88	0.	87	0,	86	0,	86	0,

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TABLE 6 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
177	90	0,	89	0,	88	0,	87	0,	86	0,	86	0,
180	90	0,	89	0,	88	0,	87	0,	86	0,	86	0,
182	90	0,	89	0,	88	0,	87	0,	86	0,	86	0,
185	90	0,	89	0,	88	0,	87	0,	86	0,	86	0,
187	90	0,	89	0,	88	0,	87	0,	86	0,	85	0,
190	90	0,	89	0,	88	0,	87	0,	86	0,	85	0,
192	90	0,	89	0,	88	0,	87	0,	86	0,	85	0,
195	89	0,	89	0,	88	0,	87	0,	86	0,	85	0,
198	89	0,	89	0,	88	0,	87	0,	86	0,	85	0,
200	90	0,	89	0,	88	0,	87	0,	86	0,	85	0,
203	90	0,	89	0,	88	0,	87	0,	86	0,	86	0,
205	90	0,	89	0,	88	0,	87	0,	86	0,	86	0,
208	90	0,	89	0,	88	0,	87	0,	87	0,	86	0,
210	90	0,	89	0,	88	0,	88	0,	87	0,	86	0,
213	90	0,	89	0,	88	0,	88	0,	87	0,	86	0,
216	90	0,	89	0,	89	0,	88	0,	87	0,	86	0,
218	90	0,	90	0,	89	0,	88	0,	87	0,	86	0,
221	91	0,	90	0,	9	0,	88	0,	87	0,	86	0,
223	91	0,	90	0,	89	0,	88	0,	87	0,	87	0,
226	91	0,	90	0,	89	0,	88	0,	87	0,	87	0,
228	91	0,	90	0,	89	0,	88	0,	88	0,	87	0,
231	91	0,	90	0,	89	0,	89	0,	88	0,	87	0,
234	91	0,	90	0,	89	0,	89	0,	88	0,	87	0,
236	91	0,	90	0,	90	0,	89	0,	88	0,	87	0,
239	91	0,	90	0,	90	0,	89	0,	88	0,	87	0,
241	91	0,	91	0,	90	0,	89	0,	88	0,	87	0,
244	92	0,	91	0,	90	0,	89	0,	88	0,	88	0,
246	92	0,	91	0,	90	0,	89	0,	89	0,	88	0,
249	92	0,	91	0,	90	0,	90	0,	89	0,	88	0,
252	92	0,	91	0,	91	0,	90	0,	89	0,	88	0,
254	92	0,	91	0,	91	0,	90	0,	89	0,	88	0,
257	92	0,	91	0,	90	0,	90	0,	89	0,	88	0,
259	92	0,	91	0,	90	0,	89	0,	88	0,	88	0,
262	91	0,	91	0,	90	0,	89	0,	88	0,	87	0,

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
264	91	0,	90	0,	89	0,	88	0,	88	0,	87	0,
267	91	0,	90	0,	89	0,	88	0,	88	0,	87	0,
270	91	0,	90	0,	89	0,	88	0,	87	0,	87	0,
272	91	0,	90	0,	89	0,	88	0,	88	0,	87	0,
275	91	20,00	90	0,	90	0,	89	0,	88	0,	87	0,
277	92	30,00	91	0,	90	0,	89	0,	88	0,	88	0,
280	93	30,00	91	0,	90	0,	90	0,	89	0,	88	0,
282	93	30,00	92	10,00	91	0,	90	0,	89	0,	88	0,
285	93	20,00	92	10,00	91	0,	90	0,	89	0,	88	0,
288	93	20,00	92	10,00	91	0,	90	0,	90	0,	89	0,
290	93	20,00	92	10,00	91	0,	91	0,	90	0,	89	0,
293	94	30,00	92	10,00	91	0,	91	0,	90	0,	89	0,
295	95	70,00	92	10,00	91	0,	91	0,	90	0,	89	0,
298	95	80,00	92	0,	91	0,	91	0,	90	0,	89	0,
300	0	100,00	92	0,	91	0,	90	0,	89	0,	89	0,
303	0	100,00	91	0,	90	0,	90	0,	89	0,	88	0,
306	91	10,00	91	0,	90	0,	89	0,	88	0,	87	0,
308	91	10,00	90	0,	89	0,	89	0,	88	0,	87	0,
311	91	0,	90	0,	89	0,	88	0,	88	0,	87	0,
313	91	20,00	90	0,	89	0,	88	0,	87	0,	87	0,
316	91	30,00	90	0,	89	0,	88	0,	87	0,	87	0,
318	91	50,00	90	0,	89	0,	88	0,	87	0,	86	0,
321	91	20,00	89	0,	89	0,	88	0,	87	0,	86	0,
324	91	50,00	89	0,	89	0,	88	0,	87	0,	86	0,
326	90	20,00	89	0,	88	0,	88	0,	87	0,	86	0,
329	90	30,00	89	0,	88	0,	88	0,	87	0,	86	0,
331	90	30,00	89	0,	88	0,	87	0,	87	0,	86	0,
334	90	30,00	89	0,	88	0,	87	0,	86	0,	86	0,
336	90	30,00	89	0,	88	0,	87	0,	86	0,	86	0,
339	90	30,00	89	0,	88	0,	87	0,	86	0,	85	0,
342	90	30,00	89	0,	88	0,	87	0,	86	0,	85	0,
344	90	30,00	89	0,	88	0,	87	0,	86	0,	85	0,
347	91	60,00	88	0,	88	0,	87	0,	86	0,	85	0,
349	91	70,00	88	0,	88	0,	87	0,	86	0,	85	0,

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
352	0	100,00	88	0,	87	0,	87	0,	86	0,	85	0,
354	0	100,00	88	0,	87	0,	87	0,	86	0,	85	0,
357	0	100,00	88	0,	87	0,	87	0,	86	0,	85	0,
360	0	100,00	88	0,	87	0,	87	0,	86	0,	85	0,
AVERAGE SHIELDING		19,79		0,43		0,		0,		0,		0,
AVERAGE TARGET CONTACT ANGLE		90		89		88		87		87		86

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 8

SHIELDING OF TARGET AT POSITION C
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	0	100,00	89	40,00	88	0,	87	0,	87	0,	86	0,
4	0	100,00	89	30,00	88	0,	87	0,	86	0,	86	0,
6	0	100,00	88	0,	88	0,	87	0,	86	0,	85	0,
9	0	100,00	88	0,	87	0,	87	0,	86	0,	85	0,
11	0	100,00	88	0,	87	0,	86	0,	86	0,	85	0,
13	0	100,00	88	0,	87	0,	86	0,	85	0,	85	0,
15	0	100,00	87	0,	87	0,	86	0,	85	0,	84	0,
18	0	100,00	87	0,	87	0,	86	0,	85	0,	84	0,
20	90	90,00	87	0,	86	0,	86	0,	85	0,	84	0,
22	89	70,00	87	0,	86	0,	86	0,	85	0,	84	0,
24	89	60,00	87	0,	86	0,	86	0,	85	0,	84	0,
27	88	50,00	87	0,	86	0,	85	0,	85	0,	84	0,
29	88	50,00	87	0,	86	0,	85	0,	85	0,	84	0,
31	88	40,00	87	0,	86	0,	85	0,	85	0,	84	0,
33	88	50,00	87	0,	86	0,	85	0,	84	0,	84	0,
36	88	50,00	87	0,	86	0,	85	0,	84	0,	84	0,
38	88	60,00	86	0,	86	0,	85	0,	84	0,	84	0,
40	88	50,00	86	0,	86	0,	85	0,	84	0,	84	0,
42	88	40,00	86	0,	86	0,	85	0,	84	0,	84	0,
45	87	20,00	86	0,	86	0,	85	0,	84	0,	84	0,
47	87	0,	86	0,	86	0,	85	0,	84	0,	83	0,
49	87	20,00	86	0,	86	0,	85	0,	84	0,	84	0,
51	87	20,00	86	0,	86	0,	85	0,	84	0,	84	0,
54	87	20,00	87	0,	86	0,	85	0,	84	0,	84	0,
56	87	0,	87	0,	86	0,	85	0,	84	0,	84	0,
58	87	0,	87	0,	86	0,	85	0,	85	0,	84	0,
60	88	10,00	87	0,	86	0,	85	0,	85	0,	84	0,
63	88	30,00	87	0,	86	0,	86	0,	85	0,	84	0,
65	88	30,00	87	0,	87	0,	86	0,	85	0,	84	0,
67	89	50,00	87	0,	87	0,	86	0,	85	0,	85	0,
69	89	60,00	88	0,	87	0,	86	0,	86	0,	85	0,
72	90	90,00	88	0,	87	0,	86	0,	86	0,	85	0,
74	90	80,00	88	0,	87	0,	87	0,	86	0,	85	0,
76	90	70,00	88	0,	88	0,	87	0,	86	0,	85	0,

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
78	90	50.00	88	0.	88	0.	87	0.	86	0.	86	0.
81	0	100.00	89	0.	88	0.	87	0.	86	0.	85	0.
83	90	60.00	88	0.	88	0.	87	0.	86	0.	85	0.
85	89	10.00	88	0.	87	0.	87	0.	86	0.	85	0.
87	89	0.	88	0.	87	0.	86	0.	86	0.	85	0.
90	89	0.	88	0.	87	0.	86	0.	86	0.	85	0.
92	89	10.00	88	0.	87	0.	87	0.	86	0.	85	0.
94	89	10.00	88	0.	88	0.	87	0.	86	0.	85	0.
96	90	20.00	89	0.	88	0.	87	0.	87	0.	86	0.
99	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
101	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
103	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
105	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
108	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
110	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
112	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
114	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
117	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
119	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
121	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
123	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
126	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
128	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
130	90	0.	90	0.	89	0.	88	0.	88	0.	87	0.
132	90	0.	90	0.	89	0.	88	0.	88	0.	87	0.
135	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
137	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
139	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
141	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
144	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
146	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
148	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
150	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
153	89	0.	89	0.	88	0.	87	0.	86	0.	86	0.

TABLE 8 (CON,)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
155	89	0,	89	0,	88	0,	87	0,	86	0,	86	0,
157	89	0,	88	0,	88	0,	87	0,	86	0,	86	0,
159	89	0,	88	0,	88	0,	87	0,	86	0,	86	0,
162	89	0,	88	0,	88	0,	87	0,	86	0,	86	0,
164	89	0,	88	0,	88	0,	87	0,	86	0,	86	0,
166	89	0,	88	0,	88	0,	87	0,	86	0,	86	0,
168	89	0,	88	0,	88	0,	87	0,	86	0,	85	0,
171	89	0,	88	0,	88	0,	87	0,	86	0,	85	0,
173	89	0,	88	0,	88	0,	87	0,	86	0,	85	0,
175	89	0,	88	0,	88	0,	87	0,	86	0,	85	0,
177	89	0,	88	0,	88	0,	87	0,	86	0,	86	0,
180	89	0,	88	0,	88	0,	87	0,	86	0,	86	0,
182	89	0,	88	0,	88	0,	87	0,	86	0,	86	0,
184	89	0,	88	0,	88	0,	87	0,	86	0,	86	0,
186	89	0,	88	0,	88	0,	87	0,	86	0,	86	0,
189	89	0,	89	0,	88	0,	87	0,	86	0,	86	0,
191	89	0,	89	0,	88	0,	87	0,	86	0,	86	0,
193	89	0,	89	0,	88	0,	87	0,	86	0,	86	0,
195	89	0,	89	0,	88	0,	87	0,	86	0,	86	0,
198	89	0,	89	0,	88	0,	87	0,	87	0,	86	0,
200	89	0,	89	0,	88	0,	87	0,	87	0,	86	0,
202	89	0,	89	0,	88	0,	87	0,	87	0,	86	0,
204	90	0,	89	0,	88	0,	87	0,	87	0,	86	0,
207	90	0,	89	0,	88	0,	87	0,	87	0,	86	0,
209	90	0,	89	0,	88	0,	87	0,	87	0,	86	0,
211	90	29,00	89	0,	88	0,	88	0,	87	0,	86	0,
213	90	0,	89	0,	88	0,	88	0,	87	0,	86	0,
216	90	0,	89	0,	88	0,	88	0,	87	0,	86	0,
218	90	0,	89	0,	89	0,	88	0,	87	0,	86	0,
220	90	0,	89	0,	89	0,	88	0,	87	0,	87	0,
222	90	0,	89	0,	89	0,	88	0,	87	0,	87	0,
225	90	0,	90	0,	89	0,	88	0,	87	0,	87	0,
227	90	0,	90	0,	89	0,	88	0,	87	0,	87	0,
229	90	0,	90	0,	89	0,	88	0,	88	0,	87	0,

TABLE 8 (CONT'D)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
231	91	0,	90	0,	89	0,	88	0,	88	0,	87	0,
234	91	0,	90	0,	89	0,	89	0,	88	0,	87	0,
236	91	0,	90	0,	90	0,	89	0,	88	0,	87	0,
238	91	0,	90	0,	90	0,	89	0,	88	0,	87	0,
240	91	0,	90	0,	90	0,	89	0,	88	0,	88	0,
243	91	0,	91	0,	90	0,	89	0,	88	0,	88	0,
245	91	0,	91	0,	90	0,	89	0,	89	0,	88	0,
247	92	0,	91	0,	90	0,	89	0,	89	0,	88	0,
249	92	0,	91	0,	90	0,	90	0,	89	0,	88	0,
252	92	0,	91	0,	90	0,	90	0,	89	0,	88	0,
254	92	0,	91	0,	90	0,	90	0,	89	0,	88	0,
256	92	0,	91	0,	90	0,	90	0,	89	0,	88	0,
258	92	0,	91	0,	90	0,	90	0,	89	0,	88	0,
261	91	10,00	91	0,	90	0,	89	0,	89	0,	88	0,
263	91	0,	90	0,	90	0,	89	0,	88	0,	88	0,
265	91	0,	90	0,	89	0,	89	0,	88	0,	87	0,
267	91	0,	90	0,	89	0,	89	0,	88	0,	87	0,
270	91	0,	90	0,	89	0,	89	0,	88	0,	87	0,
272	91	0,	90	0,	89	0,	89	0,	88	0,	87	0,
274	92	30,00	90	0,	90	0,	89	0,	89	0,	88	0,
276	93	60,00	91	0,	90	0,	90	0,	89	0,	88	0,
279	92	30,00	91	0,	91	0,	90	0,	89	0,	88	0,
281	92	20,00	91	10,00	91	0,	90	0,	89	0,	89	0,
283	92	20,00	91	0,	91	0,	90	0,	89	0,	89	0,
285	92	20,00	92	0,	91	0,	90	0,	89	0,	89	0,
288	92	10,00	92	0,	91	0,	90	0,	89	0,	89	0,
290	92	10,00	92	0,	91	0,	90	0,	89	0,	89	0,
292	92	10,00	92	0,	91	0,	90	0,	89	0,	89	0,
294	92	10,00	92	0,	91	0,	90	0,	89	0,	89	0,
297	92	10,00	92	0,	91	0,	90	0,	89	0,	89	0,
299	92	0,	92	0,	91	0,	90	0,	89	0,	89	0,
301	92	20,00	91	0,	91	0,	90	0,	89	0,	88	0,
303	92	0,	91	0,	90	0,	90	0,	89	0,	88	0,
306	92	50,00	91	0,	90	0,	89	0,	89	0,	88	0,

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
308	92	70,00	90	0,	90	0,	89	0,	88	0%	88	0,
310	92	40,00	90	0,	90	0,	89	0,	88	0%	87	0,
312	92	40,00	90	0,	89	0,	89	0,	88	0%	87	0,
315	92	60,00	90	0,	89	0,	89	0,	88	0%	87	0,
317	92	60,00	90	0,	89	0,	89	0,	88	0%	87	0,
319	91	50,00	90	0,	89	0,	88	0,	88	0%	87	0,
321	92	60,00	90	0,	89	0,	88	0,	88	0%	87	0,
324	92	70,00	90	0,	89	0,	88	0,	87	0%	87	0,
326	91	50,00	89	0,	89	0,	88	0,	87	0%	87	0,
328	91	60,00	89	0,	89	0,	88	0,	87	0%	87	0,
330	91	40,00	89	0,	89	0,	88	0,	87	0%	86	0,
333	91	40,00	89	0,	88	0,	88	0,	87	0%	86	0,
335	90	30,00	89	0,	88	0,	88	0,	87	0%	86	0,
337	90	30,00	89	0,	88	0,	88	0,	87	0%	86	0,
339	90	40,00	89	0,	88	0,	88	0,	87	0%	86	0,
342	90	40,00	89	0,	88	0,	87	0,	87	0%	86	0,
344	90	40,00	89	0,	88	0,	87	0,	87	0%	86	0,
346	91	60,00	89	0,	88	0,	87	0,	87	0%	86	0,
348	0	100,00	89	0,	88	0,	87	0,	87	0%	86	0,
351	0	100,00	89	0,	88	0,	87	0,	87	0%	86	0,
353	0	100,00	89	10,00	88	0,	87	0,	87	0%	86	0,
355	0	100,00	89	20,00	88	0,	87	0,	87	0%	86	0,
357	0	100,00	90	40,00	88	0,	87	0,	87	0%	86	0,
360	0	100,00	90	70,00	88	0,	87	0,	87	0%	86	0,
AVERAGE SHIELDING		25,00		1,37		0,		0,		0%		0,
AVERAGE TARGET CONTACT ANGLE		90		89		88		88		87		86

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE-2 2-2
D-2

TABLE 9

SHIELDING OF TARGET AT POSITION D
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
18	93	10,00	87	0,	81	0,	76	0,	71	0,	66	0,
36	92	0,	86	0,	80	0,	75	0,	69	0,	65	0,
54	91	0,	85	0,	79	0,	74	0,	69	0,	64	0,
72	90	0,	84	0,	79	0,	73	0,	68	0,	63	0,
90	91	0,	85	0,	80	0,	74	0,	69	0,	64	0,
108	91	0,	85	0,	79	0,	74	0,	69	0,	64	0,
126	93	10,00	87	0,	81	0,	76	0,	71	0,	66	0,
144	95	10,00	89	0,	84	0,	78	0,	73	0,	67	0,
162	97	10,00	91	0,	85	0,	80	0,	74	0,	69	0,
180	91	0,	85	0,	80	0,	74	0,	69	0,	64	0,
198	100	20,00	92	0,	87	0,	81	0,	75	0,	70	0,
216	98	20,00	91	0,	85	0,	80	0,	74	0,	69	0,
234	95	10,00	89	0,	83	0,	78	0,	72	0,	67	0,
252	93	0,	87	0,	81	0,	76	0,	71	0,	66	0,
270	92	0,	87	0,	81	0,	75	0,	70	0,	65	0,
288	92	0,	86	0,	81	0,	75	0,	70	0,	65	0,
306	93	10,00	87	0,	81	0,	76	0,	70	0,	66	0,
324	93	10,00	88	0,	82	0,	76	0,	71	0,	66	0,
342	98	30,00	88	0,	83	0,	77	0,	72	0,	67	0,
360	97	30,00	88	0,	82	0,	77	0,	72	0,	67	0,
AVERAGE SHIELDING		8,50		0,		0,		0,		0,		0,
AVERAGE TARGET CONTACT ANGLE		94		87		82		76		71		66

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

2

TABLE 9

SHIELDING OF TARGET AT POSITION D

RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
9	91	0,	88	0,	85	0,	83	0,	80	0,	77	0,
18	90	0,	88	0,	85	0,	82	0,	79	0,	76	0,
27	90	0,	87	0,	84	0,	81	0,	79	0,	76	0,
36	89	0,	86	0,	84	0,	81	0,	78	0,	75	0,
45	89	0,	86	0,	84	0,	81	0,	78	0,	75	0,
54	90	0,	87	0,	84	0,	81	0,	78	0,	76	0,
63	90	0,	87	0,	84	0,	81	0,	79	0,	76	0,
72	90	10,00	87	0,	84	0,	81	0,	78	0,	76	0,
81	89	0,	86	0,	83	0,	81	0,	78	0,	75	0,
90	90	0,	87	0,	85	0,	82	0,	79	0,	76	0,
99	90	0,	87	0,	84	0,	81	0,	78	0,	76	0,
108	92	20,00	88	0,	85	0,	82	0,	80	0,	77	0,
117	93	20,00	89	0,	86	0,	84	0,	81	0,	78	0,
126	94	20,00	91	0,	88	0,	85	0,	82	0,	79	0,
135	94	10,00	91	0,	88	0,	86	0,	83	0,	80	0,
144	95	10,00	92	0,	89	0,	86	0,	83	0,	81	0,
153	95	0,	92	0,	89	0,	87	0,	84	0,	81	0,
162	96	0,	93	0,	90	0,	87	0,	84	0,	81	0,
171	96	0,	93	0,	90	0,	87	0,	84	0,	82	0,
180	96	0,	93	0,	91	0,	88	0,	85	0,	82	0,
189	96	10,00	94	0,	91	0,	88	0,	85	0,	82	0,
198	97	10,00	94	0,	91	0,	88	0,	85	0,	82	0,
207	97	10,00	94	0,	91	0,	88	0,	85	0,	83	0,
216	97	10,00	94	0,	91	0,	88	0,	86	0,	83	0,
225	98	20,00	94	0,	91	0,	88	0,	86	0,	83	0,
234	99	40,00	93	0,	90	0,	88	0,	85	0,	82	0,
243	95	20,00	92	0,	89	0,	86	0,	83	0,	80	0,
252	95	30,00	90	0,	87	0,	84	0,	82	0,	79	0,
261	92	0,	89	0,	86	0,	83	0,	80	0,	78	0,
270	91	0,	89	0,	86	0,	83	0,	80	0,	77	0,
279	91	0,	88	0,	86	0,	83	0,	80	0,	77	0,
288	93	20,00	89	0,	86	0,	83	0,	81	0,	78	0,
297	95	30,00	90	0,	87	0,	85	0,	82	0,	79	0,
306	95	20,00	91	0,	88	0,	86	0,	83	0,	80	0,

TABLE 9 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
315	96	20.00	92	0.	89	0.	86	0.	83	0.	81	0.
324	96	20.00	92	0.	89	0.	86	0.	83	0.	81	0.
333	94	10.00	91	0.	89	0.	86	0.	83	0.	80	0.
342	93	10.00	91	0.	88	0.	85	0.	82	0.	79	0.
351	93	0.	90	0.	87	0.	84	0.	81	0.	78	0.
360	92	0.	89	0.	86	0.	83	0.	81	0.	78	0.
AVERAGE SHIELDING		9.25		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		90		87		84		82		79

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 9

SHIELDING OF TARGET AT POSITION D
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
6	90	0.	88	0.	86	0.	84	0.	82	0.	81	0.
12	90	0.	88	0.	86	0.	84	0.	82	0.	80	0.
18	89	0.	88	0.	86	0.	84	0.	82	0.	80	0.
24	89	0.	87	0.	85	0.	83	0.	82	0.	80	0.
30	89	0.	87	0.	85	0.	83	0.	81	0.	79	0.
36	89	0.	87	0.	85	0.	83	0.	81	0.	79	0.
42	88	0.	86	0.	85	0.	83	0.	81	0.	79	0.
48	88	0.	86	0.	85	0.	83	0.	81	0.	79	0.
54	88	0.	86	0.	85	0.	83	0.	81	0.	79	0.
60	88	0.	87	0.	85	0.	83	0.	81	0.	79	0.
66	89	0.	87	0.	85	0.	83	0.	81	0.	79	0.
72	89	0.	87	0.	86	0.	84	0.	82	0.	80	0.
78	89	10.00	87	0.	85	0.	83	0.	82	0.	80	0.
84	89	0.	87	0.	85	0.	83	0.	81	0.	79	0.
90	89	0.	87	0.	85	0.	83	0.	81	0.	79	0.
96	89	10.00	87	0.	85	0.	84	0.	82	0.	80	0.
102	91	20.00	88	0.	86	0.	84	0.	83	0.	81	0.
108	92	20.00	89	0.	87	0.	85	0.	83	0.	82	0.
114	92	10.00	90	0.	88	0.	86	0.	84	0.	82	0.
120	92	10.00	91	0.	89	0.	87	0.	85	0.	83	0.
126	93	10.00	91	0.	89	0.	87	0.	85	0.	83	0.
132	93	0.	91	0.	89	0.	87	0.	85	0.	83	0.
138	93	0.	91	0.	89	0.	87	0.	86	0.	84	0.
144	93	0.	92	0.	90	0.	88	0.	86	0.	84	0.
150	94	0.	92	0.	90	0.	88	0.	86	0.	84	0.
156	94	0.	92	0.	90	0.	88	0.	86	0.	84	0.
162	94	0.	92	0.	90	0.	88	0.	86	0.	84	0.
168	94	0.	92	0.	90	0.	88	0.	86	0.	85	0.
174	94	0.	92	0.	90	0.	88	0.	87	0.	85	0.
180	94	0.	92	0.	90	0.	89	0.	87	0.	85	0.
186	94	0.	92	0.	91	0.	89	0.	87	0.	85	0.
192	94	0.	93	0.	91	0.	89	0.	87	0.	85	0.
198	95	0.	93	0.	91	0.	89	0.	87	0.	85	0.
204	95	0.	93	0.	91	0.	89	0.	87	0.	85	0.

TABLE 9 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
210	95	0.	93	0.	91	0.	89	0.	87	0.	85	0.
216	95	0.	93	0.	91	0.	89	0.	87	0.	85	0.
222	95	0.	93	0.	91	0.	89	0.	87	0.	85	0.
228	95	0.	93	0.	91	0.	89	0.	87	0.	85	0.
234	95	10.00	94	0.	92	0.	90	0.	88	0.	86	0.
240	97	30.00	94	10.00	92	0.	90	0.	88	0.	86	0.
246	98	60.00	93	0.	91	0.	89	0.	87	0.	85	0.
252	95	40.00	92	0.	90	0.	88	0.	86	0.	84	0.
258	93	30.00	90	0.	88	0.	86	0.	85	0.	83	0.
264	91	0.	89	0.	88	0.	86	0.	84	0.	82	0.
270	91	0.	89	0.	87	0.	85	0.	84	0.	82	0.
276	91	0.	89	0.	87	0	85	0.	83	0.	82	0.
282	92	20.00	90	0.	88	0.	86	0.	84	0.	82	0.
288	94	40.00	91	0.	89	0.	87	0.	85	0.	83	0.
294	94	30.00	91	0.	89	0.	88	0.	86	0.	84	0.
300	94	20.00	92	0.	90	0.	88	0.	86	0.	84	0.
306	94	10.00	92	0.	90	0.	88	0.	86	0.	84	0.
312	93	10.00	92	0.	90	0.	88	0.	86	0.	84	0.
318	93	10.00	91	0.	89	0.	87	0.	86	0.	84	0.
324	93	0.	91	0.	89	0.	87	0.	85	0.	83	0.
330	92	0.	91	0.	89	0.	87	0.	85	0.	83	0.
336	92	0.	90	0.	88	0.	86	0.	84	0.	82	0.
342	92	0.	90	0.	88	0.	86	0.	84	0.	82	0.
348	91	0.	89	0.	87	0.	85	0.	84	0.	82	0.
354	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
360	90	0.	88	0.	86	0.	85	0.	83	0.	81	0.
AVERAGE SHIELDING		6.67		0.17		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		90		88		86		84		83

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 9

SHIELDING OF TARGET AT POSITION D

RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
4	89	0.	88	0.	86	0.	85	0.	83	0.	82	0.
9	89	0.	87	0.	86	0.	84	0.	83	0.	82	0.
13	89	0.	87	0.	86	0.	84	0.	83	0.	82	0.
18	88	0.	87	0.	86	0.	84	0.	83	0.	81	0.
22	88	0.	87	0.	85	0.	84	0.	83	0.	81	0.
27	88	0.	87	0.	85	0.	84	0.	82	0.	81	0.
31	88	0.	86	0.	85	0.	84	0.	82	0.	81	0.
36	88	0.	86	0.	85	0.	83	0.	82	0.	81	0.
40	88	0.	86	0.	85	0.	83	0.	82	0.	80	0.
45	87	0.	86	0.	85	0.	83	0.	82	0.	80	0.
49	87	0.	86	0.	85	0.	83	0.	82	0.	80	0.
54	88	0.	86	0.	85	0.	83	0.	82	0.	80	0.
58	88	0.	86	0.	85	0.	84	0.	82	0.	81	0.
63	88	0.	87	0.	85	0.	84	0.	82	0.	81	0.
67	88	0.	87	0.	86	0.	84	0.	83	0.	81	0.
72	89	0.	87	0.	86	0.	85	0.	83	0.	82	0.
76	89	0.	88	0.	86	0.	85	0.	83	0.	82	0.
81	89	10.00	88	0.	86	0.	85	0.	83	0.	82	0.
85	89	0.	87	0.	86	0.	84	0.	83	0.	82	0.
90	89	0.	87	0.	86	0.	85	0.	83	0.	82	0.
94	89	10.00	88	0.	86	0.	85	0.	83	0.	82	0.
99	90	20.00	88	0.	87	0.	85	0.	84	0.	83	0.
103	90	10.00	89	0.	88	0.	86	0.	85	0.	83	0.
108	91	10.00	90	0.	88	0.	87	0.	85	0.	84	0.
112	91	10.00	90	0.	89	0.	87	0.	86	0.	84	0.
117	92	0.	90	0.	89	0.	87	0.	86	0.	84	0.
121	92	0.	90	0.	89	0.	87	0.	86	0.	85	0.
126	92	0.	90	0.	89	0.	88	0.	86	0.	85	0.
130	92	0.	91	0.	89	0.	88	0.	86	0.	85	0.
135	92	0.	91	0.	89	0.	88	0.	86	0.	85	0.
139	92	0.	91	0.	89	0.	88	0.	87	0.	85	0.
144	92	0.	91	0.	90	0.	88	0.	87	0.	85	0.
148	93	0.	91	0.	90	0.	88	0.	87	0.	85	0.
153	93	0.	91	0.	90	0.	88	0.	87	0.	85	0.

TABLE 9 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
157	93	0.	91	0.	90	0.	88	0.	87	0.	86	0.
162	93	0.	91	0.	90	0.	88	0.	87	0.	86	0.
166	93	0.	91	0.	90	0.	88	0.	87	0.	86	0.
171	93	0.	91	0.	90	0.	88	0.	87	0.	86	0.
175	93	0.	91	0.	90	0.	89	0.	87	0.	86	0.
180	93	0.	91	0.	90	0.	89	0.	87	0.	86	0.
184	93	0.	92	0.	90	0.	89	0.	87	0.	86	0.
189	93	0.	92	0.	90	0.	89	0.	87	0.	86	0.
193	93	0.	92	0.	90	0.	89	0.	87	0.	86	0.
198	93	0.	92	0.	90	0.	89	0.	87	0.	86	0.
202	93	0.	92	0.	90	0.	89	0.	87	0.	86	0.
207	93	0.	92	0.	90	0.	89	0.	87	0.	86	0.
211	93	0.	92	0.	90	0.	89	0.	88	0.	86	0.
216	93	0.	92	0.	90	0.	89	0.	88	0.	86	0.
220	93	0.	92	0.	91	0.	89	0.	88	0.	86	0.
225	94	0.	92	0.	91	0.	89	0.	88	0.	86	0.
229	94	0.	92	0.	91	0.	89	0.	88	0.	87	0.
234	94	0.	92	0.	91	0.	90	0.	88	0.	87	0.
238	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
243	94	10.00	93	0.	92	0.	90	0.	89	0.	87	0.
247	95	20.00	93	0.	92	0.	90	0.	89	0.	87	0.
252	94	20.00	92	0.	91	0.	89	0.	88	0.	87	0.
256	94	30.00	91	0.	90	0.	88	0.	87	0.	86	0.
261	92	16.00	90	0.	89	0.	87	0.	86	0.	85	0.
265	91	0.	90	0.	88	0.	87	0.	85	0.	84	0.
270	91	0.	90	0.	88	0.	87	0.	85	0.	84	0.
274	91	0.	90	0.	88	0.	87	0.	85	0.	84	0.
279	92	30.00	90	0.	89	0.	87	0.	86	0.	84	0.
283	93	40.00	91	0.	89	0.	88	0.	86	0.	85	0.
288	93	20.00	91	0.	90	0.	88	0.	87	0.	86	0.
292	93	20.00	92	0.	90	0.	89	0.	87	0.	86	0.
297	93	10.00	92	0.	90	0.	89	0.	87	0.	86	0.
301	93	10.00	91	0.	90	0.	89	0.	87	0.	86	0.
306	93	10.00	91	0.	90	0.	88	0.	87	0.	85	0.

TABLE 9 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
310	92	0.	91	0.	89	0.	88	0.	87	0.	85	0.
315	92	0.	90	0.	89	0.	88	0.	86	0.	85	0.
319	92	0.	90	0.	89	0.	87	0.	86	0.	84	0.
324	91	0.	90	0.	88	0.	87	0.	85	0.	84	0.
328	91	0.	89	0.	88	0.	87	0.	85	0.	84	0.
333	91	0.	89	0.	88	0.	86	0.	85	0.	83	0.
337	90	0.	89	0.	87	0.	86	0.	85	0.	83	0.
342	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
346	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
351	90	0.	88	0.	87	0.	85	0.	84	0.	83	0.
355	89	0.	88	0.	87	0.	85	0.	84	0.	82	0.
360	89	0.	88	0.	86	0.	85	0.	83	0.	82	0.
AVERAGE SHIELDING		3.75		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		90		88		87		85		84

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 9

SHIELDING OF TARGET AT POSITION D

RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
7	88	0,	87	0,	86	0,	85	0,	84	0,	82	0,
10	88	0,	87	0,	86	0,	85	0,	83	0,	82	0,
14	88	0,	87	0,	86	0,	84	0,	83	0,	82	0,
18	88	0,	87	0,	85	0,	84	0,	83	0,	82	0,
21	88	0,	86	0,	85	0,	84	0,	83	0,	82	0,
25	87	0,	86	0,	85	0,	84	0,	83	0,	82	0,
28	87	0,	86	0,	85	0,	84	0,	83	0,	82	0,
32	87	0,	86	0,	85	0,	84	0,	83	0,	81	0,
36	87	0,	86	0,	85	0,	84	0,	82	0,	81	0,
39	87	10,00	86	0,	85	0,	84	0,	82	0,	81	0,
43	87	10,00	86	0,	85	0,	84	0,	83	0,	81	0,
46	87	0,	86	0,	85	0,	84	0,	83	0,	82	0,
50	87	0,	86	0,	85	0,	84	0,	83	0,	82	0,
54	87	0,	86	0,	85	0,	84	0,	83	0,	82	0,
57	88	0,	87	0,	85	0,	84	0,	83	0,	82	0,
61	88	0,	87	0,	86	0,	84	0,	83	0,	82	0,
64	88	0,	87	0,	86	0,	85	0,	83	0,	82	0,
68	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
72	89	0,	87	0,	86	0,	85	0,	84	0,	83	0,
75	89	0,	88	0,	87	0,	86	0,	84	0,	83	0,
79	89	10,00	88	0,	87	0,	86	0,	85	0,	83	0,
82	89	0,	88	0,	87	0,	85	0,	84	0,	83	0,
86	89	0,	88	0,	86	0,	85	0,	84	0,	83	0,
90	89	0,	88	0,	86	0,	85	0,	84	0,	83	0,
93	89	0,	88	0,	87	0,	85	0,	84	0,	83	0,
97	89	10,00	88	0,	87	0,	86	0,	85	0,	84	0,
100	90	20,00	89	0,	88	0,	87	0,	86	0,	84	0,
104	91	30,00	90	0,	88	0,	87	0,	86	0,	85	0,
108	91	10,00	90	0,	89	0,	87	0,	86	0,	85	0,
111	91	0,	90	0,	89	0,	87	0,	86	0,	85	0,
115	91	0,	90	0,	89	0,	88	0,	86	0,	85	0,
118	91	0,	90	0,	89	0,	88	0,	87	0,	85	0,
122	91	0,	90	0,	89	0,	88	0,	87	0,	85	0,

TABLE 9 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
126	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
129	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
133	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
136	92	0,	90	0,	89	0,	88	0,	87	0,	86	0,
140	92	0,	91	0,	89	0,	88	0,	87	0,	86	0,
144	92	0,	91	0,	89	0,	88	0,	87	0,	86	0,
147	92	0,	90	0,	89	0,	88	0,	87	0,	86	0,
151	92	0,	90	0,	89	0,	88	0,	87	0,	86	0,
154	92	0,	90	0,	89	0,	88	0,	87	0,	86	0,
158	92	0,	90	0,	89	0,	88	0,	87	0,	86	0,
162	92	0,	90	0,	89	0,	88	0,	87	0,	86	0,
165	92	0,	90	0,	89	0,	88	0,	87	0,	86	0,
169	92	0,	90	0,	89	0,	88	0,	87	0,	86	0,
172	92	0,	90	0,	89	0,	88	0,	87	0,	86	0,
176	92	0,	90	0,	89	0,	88	0,	87	0,	86	0,
180	92	0,	91	0,	89	0,	88	0,	87	0,	86	0,
183	92	0,	91	0,	89	0,	88	0,	87	0,	86	0,
187	92	0,	91	0,	89	0,	88	0,	87	0,	86	0,
190	92	0,	91	0,	90	0,	88	0,	87	0,	86	0,
194	92	0,	91	0,	90	0,	88	0,	87	0,	86	0,
198	92	0,	91	0,	90	0,	88	0,	87	0,	86	0,
201	92	0,	91	0,	90	0,	89	0,	87	0,	86	0,
205	92	0,	91	0,	90	0,	89	0,	87	0,	86	0,
208	92	0,	91	0,	90	0,	89	0,	88	0,	86	0,
212	92	0,	91	0,	90	0,	89	0,	88	0,	86	0,
216	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,
219	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,
223	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,
226	93	0,	91	0,	90	0,	89	0,	88	0,	87	0,
230	93	0,	92	0,	90	0,	89	0,	88	0,	87	0,
234	93	0,	92	0,	91	0,	89	0,	88	0,	87	0,
237	93	0,	92	0,	91	0,	90	0,	88	0,	87	0,
241	93	0,	92	0,	91	0,	90	0,	89	0,	87	0,
244	93	0,	92	0,	91	0,	90	0,	89	0,	88	0,

TABLE 9 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
248	94	20,00	93	0,	92	0,	90	0,	89	0,	88	0,
252	95	50,00	93	0,	92	0,	90	0,	89	0,	88	0,
255	93	20,00	92	0,	91	0,	90	0,	88	0,	87	0,
259	92	20,00	91	0,	90	0,	89	0,	88	0,	86	0,
262	91	10,00	90	0,	89	0,	88	0,	87	0,	86	0,
266	91	0,	90	0,	89	0,	88	0,	86	0,	85	0,
270	91	0,	90	0,	89	0,	88	0,	86	0,	85	0,
273	91	0,	90	0,	89	0,	88	0,	86	0,	85	0,
277	92	20,00	90	0,	89	0,	88	0,	87	0,	86	0,
280	93	30,00	91	0,	90	0,	88	0,	87	0,	86	0,
284	93	30,00	91	0,	90	0,	89	0,	88	0,	87	0,
288	93	20,00	91	0,	90	0,	89	0,	88	0,	87	0,
291	93	10,00	91	0,	90	0,	89	0,	88	0,	87	0,
295	92	10,00	91	0,	90	0,	89	0,	88	0,	87	0,
298	92	10,00	91	0,	90	0,	89	0,	88	0,	87	0,
302	92	0,	91	0,	90	0,	89	0,	87	0,	86	0,
306	92	0,	90	0,	89	0,	88	0,	87	0,	86	0,
309	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
313	91	0,	90	0,	89	0,	88	0,	86	0,	85	0,
316	91	0,	90	0,	88	0,	87	0,	86	0,	85	0,
320	91	0,	89	0,	88	0,	87	0,	86	0,	85	0,
324	90	0,	89	0,	88	0,	87	0,	86	0,	85	0,
327	90	0,	89	0,	88	0,	87	0,	86	0,	84	0,
331	90	0,	89	0,	88	0,	86	0,	85	0,	84	0,
334	90	0,	89	0,	87	0,	86	0,	85	0,	84	0,
338	90	0,	88	0,	87	0,	86	0,	85	0,	84	0,
342	89	0,	88	0,	87	0,	86	0,	85	0,	84	0,
345	89	0,	88	0,	87	0,	86	0,	85	0,	84	0,
349	89	0,	88	0,	87	0,	86	0,	84	0,	83	0,
352	89	0,	88	0,	87	0,	85	0,	84	0,	83	0,
356	89	0,	88	0,	86	0,	85	0,	84	0,	83	0,
360	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
AVERAGE SHIELDING		3,50		0,		0,		0,		0,		0,
AVERAGE TARGET CONTACT ANGLE		91		89		88		87		86		85

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 9
SHIELDING OF TARGET AT POSITION D
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	0	100,00	88	0,	87	0,	86	0,	85	0,	84	0,
6	0	100,00	88	0,	87	0,	86	0,	85	0,	84	0,
9	0	100,00	87	0,	87	0,	86	0,	85	0,	84	0,
12	0	100,00	87	0,	86	0,	85	0,	84	0,	83	0,
15	0	100,00	87	0,	86	0,	85	0,	84	0,	83	0,
18	89	70,00	87	0,	86	0,	85	0,	84	0,	83	0,
21	87	10,00	86	0,	86	0,	85	0,	84	0,	83	0,
24	87	0,	86	0,	85	0,	84	0,	83	0,	83	0,
27	87	0,	86	0,	85	0,	84	0,	83	0,	82	0,
30	87	0,	86	0,	85	0,	84	0,	83	0,	82	0,
33	87	20,00	86	0,	85	0,	84	0,	83	0,	82	0,
36	87	20,00	86	0,	85	0,	84	0,	83	0,	82	0,
39	87	10,00	86	0,	85	0,	84	0,	83	0,	82	0,
42	87	0,	86	0,	85	0,	84	0,	83	0,	82	0,
45	87	0,	86	0,	85	0,	84	0,	83	0,	82	0,
48	87	0,	86	0,	85	0,	84	0,	83	0,	82	0,
51	87	0,	86	0,	85	0,	84	0,	84	0,	83	0,
54	87	0,	86	0,	86	0,	85	0,	84	0,	83	0,
57	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
60	88	30,00	87	0,	86	0,	85	0,	84	0,	83	0,
63	89	50,00	87	0,	86	0,	85	0,	84	0,	83	0,
66	89	30,00	87	0,	86	0,	85	0,	84	0,	83	0,
69	89	40,00	87	0,	86	0,	86	0,	85	0,	84	0,
72	90	50,00	88	0,	87	0,	86	0,	85	0,	84	0,
75	89	10,00	88	0,	87	0,	86	0,	85	0,	84	0,
78	90	40,00	88	0,	87	0,	86	0,	85	0,	84	0,
81	89	20,00	88	0,	87	0,	86	0,	85	0,	84	0,
84	89	10,00	88	0,	87	0,	86	0,	85	0,	84	0,
87	89	0,	88	0,	87	0,	86	0,	85	0,	84	0,
90	89	0,	88	0,	87	0,	86	0,	85	0,	84	0,
93	89	10,00	88	0,	87	0,	86	0,	85	0,	84	0,
96	89	10,00	88	0,	87	0,	86	0,	85	0,	84	0,
99	90	20,00	89	0,	88	0,	87	0,	86	0,	85	0,
102	91	20,00	89	0,	88	0,	88	0,	87	0,	86	0,

TABLE 9 (CON.)

AZIMUTH	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 600 CM
117	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
120	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
123	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
126	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
129	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
132	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
135	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
138	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
141	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
144	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
147	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
150	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
153	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
156	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
159	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
162	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
165	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
168	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
171	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
174	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
177	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
180	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
183	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
186	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
189	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
192	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
195	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
198	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
201	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
204	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.

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TABLE 9 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
207	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
210	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
213	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
216	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
219	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
222	91	0.	91	0.	90	0.	89	0.	88	0.	87	0.
225	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
228	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
231	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
234	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
237	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
240	92	0.	91	0.	90	0.	89	0.	88	0.	88	0.
243	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
246	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
249	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
252	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
255	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
258	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
261	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
264	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
267	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
270	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
273	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
276	92	40.00	90	0.	89	0.	88	0.	87	0.	86	0.
279	0	100.00	91	0.	90	0.	89	0.	88	0.	87	0.
282	0	100.00	92	10.00	91	0.	90	0.	89	0.	88	0.
285	0	100.00	92	10.00	91	0.	90	0.	89	0.	88	0.
288	0	100.00	92	10.00	91	0.	90	0.	89	0.	88	0.
291	92	10.00	91	0.	90	0.	89	0.	88	0.	88	0.
294	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
297	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
300	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
303	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
306	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.

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TABLE 9 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
309	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
312	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
315	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
318	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
321	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
324	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
327	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
330	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
333	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
336	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
339	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
342	90	30.00	88	0.	87	0.	86	0.	85	0.	84	0.
345	90	40.00	88	0.	87	0.	86	0.	85	0.	84	0.
348	89	20.00	88	0.	87	0.	86	0.	85	0.	84	0.
351	89	30.00	88	0.	87	0.	86	0.	85	0.	84	0.
354	90	70.00	88	0.	87	0.	86	0.	85	0.	84	0.
357	0	100.00	88	0.	87	0.	86	0.	85	0.	84	0.
360	0	100.00	88	0.	87	0.	86	0.	85	0.	84	0.
AVERAGE SHIELDING		15.58		0.25		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		89		88		87		86		85

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 9

SHIELDING OF TARGET AT POSITION D

RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
2	0	100.00	87	0.	87	0.	86	0.	85	0.	84	0.
5	0	100.00	87	0.	87	0.	86	0.	85	0.	84	0.
7	90	80.00	87	0.	86	0.	86	0.	85	0.	84	0.
10	90	90.00	87	0.	86	0.	85	0.	85	0.	84	0.
12	89	60.00	87	0.	86	0.	85	0.	84	0.	84	0.
15	89	80.00	87	0.	86	0.	85	0.	84	0.	84	0.
18	89	60.00	87	0.	86	0.	85	0.	84	0.	84	0.
20	89	60.00	87	0.	86	0.	85	0.	84	0.	83	0.
23	88	20.00	87	0.	86	0.	85	0.	84	0.	83	0.
25	88	50.00	87	0.	86	0.	85	0.	84	0.	83	0.
28	88	60.00	86	0.	86	0.	85	0.	84	0.	83	0.
30	88	60.00	86	0.	86	0.	85	0.	84	0.	83	0.
33	88	60.00	86	0.	85	0.	85	0.	84	0.	83	0.
36	87	20.00	86	0.	85	0.	85	0.	84	0.	83	0.
38	87	10.00	86	0.	85	0.	85	0.	84	0.	83	0.
41	87	0.	86	0.	85	0.	85	0.	84	0.	83	0.
43	87	0.	86	0.	85	0.	85	0.	84	0.	83	0.
46	87	10.00	86	0.	85	0.	85	0.	84	0.	83	0.
48	87	0.	86	0.	85	0.	85	0.	84	0.	83	0.
51	87	0.	86	0.	86	0.	85	0.	84	0.	83	0.
54	87	0.	87	0.	86	0.	85	0.	84	0.	83	0.
56	88	10.00	87	0.	86	0.	85	0.	84	0.	83	0.
59	88	20.00	87	0.	86	0.	85	0.	84	0.	84	0.
61	88	20.00	87	0.	86	0.	85	0.	85	0.	84	0.
64	89	30.00	87	0.	87	0.	86	0.	85	0.	84	0.
66	89	40.00	88	0.	87	0.	86	0.	85	0.	84	0.
69	90	60.00	88	0.	87	0.	86	0.	85	0.	85	0.
72	90	50.00	88	0.	87	0.	86	0.	86	0.	85	0.
74	90	50.00	88	0.	87	0.	87	0.	86	0.	85	0.
77	90	30.00	88	0.	88	0.	87	0.	86	0.	85	0.
79	91	80.00	89	0.	88	0.	87	0.	86	0.	85	0.
82	90	50.00	88	0.	88	0.	87	0.	86	0.	85	0.
84	89	10.00	88	0.	87	0.	86	0.	85	0.	85	0.
87	89	0.	88	0.	87	0.	86	0.	85	0.	85	0.

TABLE 9 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
90	89	0.	88	0.	87	0.	86	0.	85	0.	85	0.
92	89	10.00	88	0.	87	0.	86	0.	86	0.	85	0.
95	89	10.00	88	0.	87	0.	87	0.	86	0.	85	0.
97	90	20.00	89	0.	88	0.	87	0.	86	0.	86	0.
100	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
102	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
105	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
108	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
110	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
113	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
115	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
118	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
120	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
123	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
126	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
128	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
131	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
133	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
136	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
138	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
141	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
144	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
146	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
149	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
151	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
154	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
156	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
159	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
162	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
164	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
167	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
169	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
172	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
174	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.

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TABLE 9 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
177	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
180	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
182	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
185	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
187	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
190	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
192	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
195	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
198	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
200	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
203	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
205	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
208	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
210	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
213	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
216	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
218	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
221	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
223	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
226	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
228	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
231	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
234	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
236	91	0.	91	0.	90	0.	89	0.	88	0.	87	0.
239	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
241	92	0.	91	0.	90	0.	89	0.	88	0.	88	0.
244	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
246	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
249	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
252	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
254	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
257	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
259	92	10.00	91	0.	90	0.	89	0.	89	0.	88	0.
262	91	0.	91	0.	90	0.	89	0.	88	0.	87	0.

TABLE 9 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
264	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
267	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
270	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
272	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
275	91	20.00	90	0.	90	0.	89	0.	88	0.	87	0.
277	92	40.00	91	0.	90	0.	89	0.	88	0.	88	0.
280	93	60.00	91	10.00	91	0.	90	0.	89	0.	88	0.
282	94	70.00	92	20.00	91	0.	90	0.	90	0.	89	0.
285	95	90.00	93	20.00	91	0.	91	0.	90	0.	89	0.
288	0	100.00	92	10.00	92	0.	91	0.	90	0.	89	0.
290	0	100.00	92	10.00	92	0.	91	0.	90	0.	89	0.
293	0	100.00	92	0.	91	0.	90	0.	89	0.	89	0.
295	0	100.00	92	0.	91	0.	90	0.	89	0.	88	0.
298	0	100.00	91	0.	90	0.	90	0.	89	0.	88	0.
300	93	70.00	91	0.	90	0.	89	0.	88	0.	87	0.
303	92	40.00	90	0.	89	0.	89	0.	88	0.	87	0.
306	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
308	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
311	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
313	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
316	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
318	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
321	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
324	90	20.00	89	0.	88	0.	88	0.	87	0.	86	0.
326	90	10.00	89	0.	88	0.	87	0.	87	0.	86	0.
329	90	30.00	89	0.	88	0.	87	0.	87	0.	86	0.
331	90	40.00	89	0.	88	0.	87	0.	86	0.	86	0.
334	90	40.00	89	0.	88	0.	87	0.	86	0.	85	0.
336	90	40.00	89	0.	88	0.	87	0.	86	0.	85	0.
339	90	40.00	89	0.	88	0.	87	0.	86	0.	85	0.
342	90	50.00	88	0.	88	0.	87	0.	86	0.	85	0.
344	91	80.00	88	0.	88	0.	87	0.	86	0.	85	0.
347	0	100.00	88	0.	87	0.	87	0.	86	0.	85	0.
349	0	100.00	88	0.	87	0.	87	0.	86	0.	85	0.

TABLE 9 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
352	0	100.00	88	0.	87	0.	87	0.	86	0.	85	0.
354	0	100.00	88	0.	87	0.	86	0.	86	0.	85	0.
357	0	100.00	88	0.	87	0.	86	0.	85	0.	85	0.
360	0	100.00	88	0.	87	0.	86	0.	85	0.	84	0.
AVERAGE SHIELDING		23.57		0.50		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		89		88		87		87		86

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 7

SHIELDING OF TARGET AT POSITION D
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	0	100.00	88	0.	87	0.	87	0.	86	0.	85	0.
4	0	100.00	88	0.	87	0.	86	0.	86	0.	85	0.
6	0	100.00	88	0.	87	0.	86	0.	86	0.	85	0.
9	0	100.00	88	0.	87	0.	86	0.	85	0.	85	0.
11	0	100.00	87	0.	87	0.	86	0.	85	0.	85	0.
13	0	100.00	87	0.	87	0.	86	0.	85	0.	84	0.
15	0	100.00	87	0.	86	0.	86	0.	85	0.	84	0.
18	0	100.00	87	0.	86	0.	86	0.	85	0.	84	0.
20	89	80.00	87	0.	86	0.	86	0.	85	0.	84	0.
22	88	50.00	87	0.	86	0.	85	0.	85	0.	84	0.
24	88	50.00	87	0.	86	0.	85	0.	85	0.	84	0.
27	88	60.00	87	0.	86	0.	85	0.	85	0.	84	0.
29	88	60.00	87	0.	86	0.	85	0.	84	0.	84	0.
31	88	50.00	87	0.	86	0.	85	0.	84	0.	84	0.
33	88	50.00	86	0.	86	0.	85	0.	84	0.	84	0.
36	88	40.00	86	0.	86	0.	85	0.	84	0.	84	0.
38	87	30.00	86	0.	86	0.	85	0.	84	0.	84	0.
40	88	50.00	86	0.	86	0.	85	0.	84	0.	83	0.
42	88	50.00	86	0.	86	0.	85	0.	84	0.	83	0.
45	87	30.00	86	0.	86	0.	85	0.	84	0.	83	0.
47	87	10.00	86	0.	86	0.	85	0.	84	0.	84	0.
49	87	10.00	86	0.	86	0.	85	0.	84	0.	84	0.
51	87	0.	87	0.	86	0.	85	0.	84	0.	84	0.
54	87	0.	87	0.	86	0.	85	0.	84	0.	84	0.
56	87	0.	87	0.	86	0.	85	0.	85	0.	84	0.
58	88	0.	87	0.	86	0.	85	0.	85	0.	84	0.
60	88	10.00	87	0.	86	0.	86	0.	85	0.	84	0.
63	88	20.00	87	0.	87	0.	86	0.	85	0.	84	0.
65	88	20.00	88	0.	87	0.	86	0.	85	0.	85	0.
67	89	40.00	88	0.	87	0.	86	0.	86	0.	85	0.
69	89	40.00	88	0.	87	0.	87	0.	86	0.	85	0.
72	90	40.00	88	0.	87	0.	87	0.	86	0.	85	0.
74	90	40.00	88	0.	88	0.	87	0.	86	0.	86	0.
76	90	40.00	89	0.	88	0.	87	0.	86	0.	86	0.

TABLE 9 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
78	90	40.00	89	0.	88	0.	87	0.	86	0.	86	0.
81	90	58.00	89	0.	88	0.	87	0.	87	0.	86	0.
83	90	50.00	88	0.	88	0.	87	0.	86	0.	86	0.
85	89	10.00	88	0.	87	0.	87	0.	86	0.	85	0.
87	89	0.	88	0.	87	0.	86	0.	86	0.	85	0.
90	89	0.	88	0.	87	0.	86	0.	86	0.	85	0.
92	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
94	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
96	89	0.	89	0.	88	0.	87	0.	86	0.	86	0.
99	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
101	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
103	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
105	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
108	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
110	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
112	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
114	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
117	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
119	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
121	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
123	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
126	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
128	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
130	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
132	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
135	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
137	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
139	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
141	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
144	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
146	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
148	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
150	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
153	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.

TABLE 9 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
155	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
157	89	0.	89	0.	88	0.	87	0.	86	0.	86	0.
159	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
162	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
164	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
166	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
168	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
171	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
173	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
175	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
177	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
180	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
182	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
184	89	0.	89	0.	88	0.	87	0.	86	0.	86	0.
186	89	0.	89	0.	88	0.	87	0.	86	0.	86	0.
189	89	0.	89	0.	88	0.	87	0.	86	0.	86	0.
191	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
193	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
195	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
198	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
200	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
202	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
204	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
207	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
209	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
211	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
213	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
216	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
218	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
220	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
222	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
225	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
227	90	0.	90	0.	89	0.	88	0.	88	0.	87	0.
229	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.

TABLE 9 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
231	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
234	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
236	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
238	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
240	91	0.	90	0.	90	0.	89	0.	88	0.	88	0.
243	91	0.	91	0.	90	0.	89	0.	88	0.	88	0.
245	91	0.	91	0.	90	0.	89	0.	89	0.	88	0.
247	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
249	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
252	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
254	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
256	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
258	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
261	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
263	91	0.	91	0.	90	0.	89	0.	88	0.	88	0.
265	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
267	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
270	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
272	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
274	91	20,00	90	0.	90	0.	89	0.	88	0.	88	0.
276	92	40,00	91	0.	90	0.	89	0.	89	0.	88	0.
279	93	40,00	91	10,00	91	0.	90	0.	89	0.	88	0.
281	93	30,00	92	10,00	91	0.	90	0.	89	0.	89	0.
283	93	20,00	92	10,00	91	0.	90	0.	89	0.	89	0.
285	93	20,00	92	10,00	91	0.	90	0.	90	0.	89	0.
288	93	30,00	92	10,00	91	0.	91	0.	90	0.	89	0.
290	94	60,00	92	10,00	91	0.	91	0.	90	0.	89	0.
292	94	90,00	92	10,00	91	0.	91	0.	90	0.	89	0.
294	0	100,00	92	0.	91	0.	90	0.	90	0.	89	0.
297	0	100,00	92	0.	91	0.	90	0.	90	0.	89	0.
299	0	100,00	91	0.	91	0.	90	0.	89	0.	88	0.
301	93	90,00	91	0.	90	0.	89	0.	89	0.	88	0.
303	92	60,00	90	0.	90	0.	89	0.	88	0.	88	0.
306	91	30,00	90	0.	89	0.	89	0.	88	0.	87	0.

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TABLE 9 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
308	92	50,00	90	0,	89	0,	89	0,	88	0,	87	0,
310	92	50,00	90	0,	89	0,	89	0,	88	0,	87	0,
312	91	50,00	90	0,	89	0,	88	0,	88	0,	87	0,
315	92	60,00	90	0,	89	0,	88	0,	88	0,	87	0,
317	92	70,00	90	0,	89	0,	88	0,	88	0,	87	0,
319	91	50,00	90	0,	89	0,	88	0,	87	0,	87	0,
321	91	40,00	89	0,	89	0,	88	0,	87	0,	87	0,
324	91	40,00	89	0,	89	0,	88	0,	87	0,	86	0,
326	91	40,00	89	0,	89	0,	88	0,	87	0,	86	0,
328	91	50,00	89	0,	88	0,	88	0,	87	0,	86	0,
330	91	50,00	89	0,	88	0,	88	0,	87	0,	86	0,
333	91	50,00	89	0,	88	0,	88	0,	87	0,	86	0,
335	91	50,00	89	0,	88	0,	88	0,	87	0,	86	0,
337	90	50,00	89	0,	88	0,	87	0,	87	0,	86	0,
339	91	80,00	89	0,	88	0,	87	0,	87	0,	86	0,
342	0	100,00	89	0,	88	0,	87	0,	87	0,	86	0,
344	0	100,00	89	0,	88	0,	88	0,	87	0,	86	0,
346	0	100,00	89	10,00	88	0,	88	0,	87	0,	86	0,
348	0	100,00	89	30,00	88	0,	88	0,	87	0,	86	0,
351	0	100,00	90	50,00	88	0,	88	0,	87	0,	86	0,
353	0	100,00	91	80,00	88	0,	88	0,	87	0,	86	0,
355	0	100,00	90	50,00	88	0,	87	0,	87	0,	86	0,
357	0	100,00	89	40,00	88	0,	87	0,	86	0,	86	0,
360	0	100,00	89	20,00	88	0,	87	0,	86	0,	85	0,
AVERAGE SHIELDING		27,06		2,19		0,		0,		0,		0,
AVERAGE TARGET CONTACT ANGLE		90		89		88		88		87		86

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE-2
E-2

TABLE 10
SHIELDING OF TARGET AT POSITION E
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
18	92	10.00	86	0.	80	0.	75	0.	70	0.	65	0.
36	91	10.00	85	0.	79	0.	74	0.	69	0.	64	0.
54	90	0.	84	0.	78	0.	73	0.	68	0.	63	0.
72	90	0.	84	0.	79	0.	73	0.	68	0.	63	0.
90	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
108	92	0.	86	0.	81	0.	75	0.	70	0.	65	0.
126	95	10.00	89	0.	83	0.	78	0.	72	0.	67	0.
144	97	0.	91	0.	85	0.	80	0.	74	0.	69	0.
162	98	0.	92	0.	87	0.	81	0.	76	0.	70	0.
180	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
198	99	0.	93	0.	88	0.	82	0.	76	0.	71	0.
216	98	10.00	93	0.	87	0.	81	0.	76	0.	70	0.
234	96	10.00	91	0.	85	0.	79	0.	74	0.	69	0.
252	94	0.	88	0.	82	0.	77	0.	72	0.	67	0.
270	92	0.	87	0.	81	0.	75	0.	70	0.	65	0.
288	92	0.	86	0.	81	0.	75	0.	70	0.	65	0.
306	92	0.	86	0.	80	0.	75	0.	70	0.	65	0.
324	92	10.00	86	0.	81	0.	75	0.	70	0.	65	0.
342	92	10.00	87	0.	81	0.	75	0.	70	0.	65	0.
360	94	20.00	87	0.	81	0.	75	0.	70	0.	65	0.
AVERAGE SHIELDING		4.50		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		88		82		76		71		66

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 10

SHIELDING OF TARGET AT POSITION E

RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
9	90	0,	87	0,	84	0,	81	0,	78	0,	76	0,
18	89	0,	86	0,	84	0,	81	0,	78	0,	75	0,
27	89	0,	86	0,	83	0,	80	0,	78	0,	75	0,
36	89	0,	86	0,	83	0,	80	0,	78	0,	75	0,
45	89	0,	86	0,	84	0,	81	0,	78	0,	75	0,
54	90	0,	87	0,	84	0,	81	0,	78	0,	76	0,
63	91	20,00	87	0,	84	0,	81	0,	78	0,	76	0,
72	89	0,	86	0,	83	0,	81	0,	78	0,	75	0,
81	89	0,	86	0,	83	0,	81	0,	78	0,	75	0,
90	90	0,	87	0,	85	0,	82	0,	79	0,	76	0,
99	90	10,00	88	0,	85	0,	82	0,	79	0,	76	0,
108	92	10,00	89	0,	86	0,	83	0,	81	0,	78	0,
117	93	0,	90	0,	87	0,	84	0,	82	0,	79	0,
126	94	0,	91	0,	88	0,	86	0,	83	0,	80	0,
135	95	0,	92	0,	89	0,	86	0,	83	0,	80	0,
144	95	0,	92	0,	89	0,	86	0,	83	0,	81	0,
153	95	0,	92	0,	89	0,	87	0,	84	0,	81	0,
162	96	0,	93	0,	90	0,	87	0,	84	0,	81	0,
171	96	0,	93	0,	90	0,	87	0,	84	0,	82	0,
180	96	0,	93	0,	90	0,	88	0,	85	0,	82	0,
189	96	0,	93	0,	91	0,	88	0,	85	0,	82	0,
198	96	0,	94	0,	91	0,	88	0,	85	0,	82	0,
207	97	0,	94	0,	91	0,	88	0,	85	0,	82	0,
216	97	0,	94	0,	91	0,	88	0,	85	0,	82	0,
225	97	0,	94	0,	91	0,	88	0,	85	0,	82	0,
234	96	10,00	94	0,	91	0,	88	0,	85	0,	82	0,
243	95	10,00	93	0,	90	0,	87	0,	84	0,	81	0,
252	96	30,00	91	0,	88	0,	85	0,	83	0,	80	0,
261	92	10,00	89	0,	87	0,	84	0,	81	0,	78	0,
270	91	0,	89	0,	86	0,	83	0,	80	0,	77	0,
279	91	0,	88	0,	86	0,	83	0,	80	0,	77	0,
288	91	0,	88	0,	85	0,	83	0,	80	0,	77	0,
297	93	20,00	89	0,	86	0,	83	0,	80	0,	78	0,
306	98	70,00	90	0,	87	0,	84	0,	82	0,	79	0,

TABLE 10 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
315	96	40.00	90	0.	87	0.	85	0.	82	0.	79	0.
324	94	20.00	90	0.	87	0.	84	0.	82	0.	79	0.
333	92	10.00	89	0.	87	0.	84	0.	81	0.	78	0.
342	92	0.	89	0.	86	0.	83	0.	80	0.	78	0.
351	91	0.	88	0.	85	0.	82	0.	80	0.	77	0.
360	90	0.	87	0.	84	0.	82	0.	79	0.	76	0.
AVERAGE SHIELDING		6.50		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		90		87		83		81		79

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 10
SHIELDING OF TARGET AT POSITION E
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
6	89	0,	87	0,	85	0,	84	0,	82	0,	80	0,
12	89	0,	87	0,	85	0,	83	0,	81	0,	79	0,
18	88	0,	87	0,	85	0,	83	0,	81	0,	79	0,
24	88	0,	86	0,	84	0,	82	0,	81	0,	79	0,
30	88	0,	86	0,	84	0,	82	0,	80	0,	79	0,
36	88	0,	86	0,	84	0,	82	0,	80	0,	78	0,
42	88	0,	86	0,	84	0,	82	0,	80	0,	78	0,
48	88	0,	86	0,	84	0,	82	0,	80	0,	79	0,
54	88	0,	86	0,	84	0,	83	0,	81	0,	79	0,
60	89	0,	87	0,	85	0,	83	0,	81	0,	79	0,
66	89	0,	87	0,	86	0,	84	0,	82	0,	80	0,
72	90	20,00	87	0,	86	0,	84	0,	82	0,	80	0,
78	89	0,	87	0,	85	0,	83	0,	81	0,	79	0,
84	89	0,	87	0,	85	0,	83	0,	81	0,	79	0,
90	89	0,	87	0,	85	0,	83	0,	81	0,	79	0,
96	90	10,00	88	0,	86	0,	84	0,	82	0,	80	0,
102	91	10,00	89	0,	87	0,	85	0,	83	0,	81	0,
108	92	10,00	90	0,	88	0,	86	0,	84	0,	82	0,
114	92	0,	90	0,	88	0,	86	0,	85	0,	83	0,
120	93	0,	91	0,	89	0,	87	0,	85	0,	83	0,
126	93	0,	91	0,	89	0,	87	0,	85	0,	83	0,
132	93	0,	91	0,	89	0,	87	0,	85	0,	83	0,
138	93	0,	91	0,	89	0,	87	0,	85	0,	84	0,
144	93	0,	91	0,	89	0,	88	0,	86	0,	84	0,
150	93	0,	92	0,	90	0,	88	0,	86	0,	84	0,
156	94	0,	92	0,	90	0,	88	0,	86	0,	84	0,
162	94	0,	92	0,	90	0,	88	0,	86	0,	84	0,
168	94	0,	92	0,	90	0,	88	0,	86	0,	84	0,
174	94	0,	92	0,	90	0,	88	0,	87	0,	85	0,
180	94	0,	92	0,	91	0,	89	0,	87	0,	85	0,
186	94	0,	93	0,	91	0,	89	0,	87	0,	85	0,
192	95	0,	93	0,	91	0,	89	0,	87	0,	85	0,
198	95	0,	93	0,	91	0,	89	0,	87	0,	85	0,
204	95	0,	93	0,	91	0,	89	0,	87	0,	85	0,

TABLE 10 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
210	95	0.	93	0.	91	0.	89	0.	87	0.	85	0.
216	95	0.	93	0.	91	0.	89	0.	87	0.	85	0.
222	95	0.	93	0.	91	0.	89	0.	87	0.	85	0.
228	95	0.	93	0.	91	0.	89	0.	87	0.	85	0.
234	95	0.	93	0.	91	0.	89	0.	87	0.	85	0.
240	95	0.	93	0.	91	0.	89	0.	88	0.	86	0.
246	96	20.00	93	0.	91	0.	89	0.	88	0.	86	0.
252	95	30.00	92	0.	90	0.	88	0.	87	0.	85	0.
258	94	20.00	91	0.	89	0.	87	0.	85	0.	83	0.
264	92	10.00	90	0.	88	0.	86	0.	84	0.	82	0.
270	91	0.	89	0.	87	0.	85	0.	84	0.	82	0.
276	91	0.	89	0.	87	0.	85	0.	83	0.	82	0.
282	91	10.00	89	0.	87	0.	85	0.	83	0.	82	0.
288	94	50.00	90	0.	88	0.	86	0.	84	0.	82	0.
294	95	50.00	91	0.	89	0.	87	0.	85	0.	83	0.
300	95	40.00	91	0.	89	0.	87	0.	86	0.	84	0.
306	95	40.00	92	0.	90	0.	88	0.	86	0.	84	0.
312	94	20.00	91	0.	89	0.	87	0.	86	0.	84	0.
318	94	20.00	91	0.	89	0.	87	0.	85	0.	83	0.
324	92	10.00	91	0.	89	0.	87	0.	85	0.	83	0.
330	92	10.00	90	0.	88	0.	86	0.	84	0.	82	0.
336	91	0.	90	0.	88	0.	86	0.	84	0.	82	0.
342	91	0.	89	0.	87	0.	85	0.	83	0.	82	0.
348	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
354	90	0.	88	0.	86	0.	84	0.	83	0.	81	0.
360	90	0.	88	0.	86	0.	84	0.	82	0.	80	0.
AVERAGE SHIELDING		6.33		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		90		88		86		84		82

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 10

SHIELDING OF TARGET AT POSITION E

RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
4	89	0.	87	0.	86	0.	84	0.	83	0.	82	0.
9	88	0.	87	0.	85	0.	84	0.	83	0.	81	0.
13	88	0.	87	0.	85	0.	84	0.	82	0.	81	0.
18	88	0.	86	0.	85	0.	83	0.	82	0.	81	0.
22	87	0.	86	0.	85	0.	83	0.	82	0.	80	0.
27	87	0.	86	0.	84	0.	83	0.	82	0.	80	0.
31	87	0.	86	0.	84	0.	83	0.	81	0.	80	0.
36	87	0.	86	0.	84	0.	83	0.	82	0.	80	0.
40	87	0.	86	0.	85	0.	83	0.	82	0.	80	0.
45	88	0.	86	0.	85	0.	83	0.	82	0.	80	0.
49	88	0.	86	0.	85	0.	83	0.	82	0.	81	0.
54	88	0.	86	0.	85	0.	84	0.	82	0.	81	0.
58	88	0.	87	0.	85	0.	84	0.	82	0.	81	0.
63	88	0.	87	0.	86	0.	84	0.	83	0.	81	0.
67	89	0.	88	0.	86	0.	85	0.	83	0.	82	0.
72	89	10.00	88	0.	86	0.	85	0.	84	0.	82	0.
76	90	30.00	88	0.	86	0.	85	0.	83	0.	82	0.
81	89	0.	87	0.	86	0.	84	0.	83	0.	82	0.
85	89	0.	87	0.	86	0.	84	0.	83	0.	82	0.
90	89	0.	87	0.	86	0.	85	0.	83	0.	82	0.
94	89	10.00	88	0.	87	0.	85	0.	84	0.	82	0.
99	90	10.00	89	0.	87	0.	86	0.	85	0.	83	0.
103	92	30.00	90	0.	88	0.	87	0.	85	0.	84	0.
108	91	0.	90	0.	88	0.	87	0.	86	0.	84	0.
112	91	0.	90	0.	89	0.	87	0.	86	0.	84	0.
117	92	0.	90	0.	89	0.	87	0.	86	0.	84	0.
121	92	0.	90	0.	89	0.	87	0.	86	0.	85	0.
126	92	0.	90	0.	89	0.	88	0.	86	0.	85	0.
130	92	0.	91	0.	89	0.	88	0.	86	0.	85	0.
135	92	0.	91	0.	89	0.	88	0.	86	0.	85	0.
139	92	0.	91	0.	89	0.	88	0.	86	0.	85	0.
144	92	0.	91	0.	89	0.	88	0.	87	0.	85	0.
148	92	0.	91	0.	90	0.	88	0.	87	0.	85	0.
153	93	0.	91	0.	90	0.	88	0.	87	0.	85	0.

TABLE 10 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
157	93	0.	91	0.	90	0.	88	0.	87	0.	85	0.
162	93	0.	91	0.	90	0.	88	0.	87	0.	85	0.
166	93	0.	91	0.	90	0.	88	0.	87	0.	86	0.
171	93	0.	91	0.	90	0.	88	0.	87	0.	86	0.
175	93	0.	91	0.	90	0.	88	0.	87	0.	86	0.
180	93	0.	91	0.	90	0.	89	0.	87	0.	86	0.
184	93	0.	91	0.	90	0.	89	0.	87	0.	86	0.
189	93	0.	92	0.	90	0.	89	0.	87	0.	86	0.
193	93	0.	92	0.	90	0.	89	0.	87	0.	86	0.
198	93	0.	92	0.	90	0.	89	0.	87	0.	86	0.
202	93	0.	92	0.	90	0.	89	0.	88	0.	86	0.
207	93	0.	92	0.	90	0.	89	0.	88	0.	86	0.
211	93	0.	92	0.	91	0.	89	0.	88	0.	86	0.
216	93	0.	92	0.	91	0.	89	0.	88	0.	86	0.
220	94	0.	92	0.	91	0.	89	0.	88	0.	86	0.
225	94	0.	92	0.	91	0.	89	0.	88	0.	86	0.
229	94	0.	92	0.	91	0.	89	0.	88	0.	87	0.
234	94	0.	92	0.	91	0.	89	0.	88	0.	87	0.
238	94	0.	92	0.	91	0.	90	0.	88	0.	87	0.
243	94	0.	92	0.	91	0.	90	0.	88	0.	87	0.
247	94	10.00	93	0.	92	0.	90	0.	89	0.	87	0.
252	95	20.00	93	0.	91	0.	90	0.	89	0.	87	0.
256	95	50.00	92	0.	91	0.	89	0.	88	0.	86	0.
261	93	20.00	91	0.	90	0.	88	0.	87	0.	85	0.
265	91	10.00	90	0.	89	0.	87	0.	86	0.	84	0.
270	91	0.	90	0.	88	0.	87	0.	85	0.	84	0.
274	91	0.	90	0.	88	0.	87	0.	85	0.	84	0.
279	91	0.	90	0.	88	0.	87	0.	85	0.	84	0.
283	93	40.00	90	0.	89	0.	87	0.	86	0.	84	0.
288	94	40.00	91	0.	89	0.	88	0.	86	0.	85	0.
292	94	40.00	91	0.	90	0.	88	0.	87	0.	86	0.
297	94	30.00	92	10.00	90	0.	89	0.	87	0.	86	0.
301	93	20.00	91	0.	90	0.	89	0.	87	0.	86	0.
306	93	20.00	91	0.	90	0.	88	0.	87	0.	85	0.

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TABLE 10 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
310	92	10,00	91	0,	89	0,	88	0,	87	0,	85	0,
315	92	10,00	91	0,	89	0,	88	0,	86	0,	85	0,
319	92	0,	90	0,	89	0,	87	0,	86	0,	85	0,
324	91	0,	90	0,	88	0,	87	0,	86	0,	84	0,
328	91	0,	90	0,	88	0,	87	0,	85	0,	84	0,
333	91	0,	89	0,	88	0,	86	0,	85	0,	83	0,
337	90	0,	89	0,	87	0,	86	0,	85	0,	83	0,
342	90	0,	89	0,	87	0,	86	0,	84	0,	83	0,
346	90	0,	88	0,	87	0,	85	0,	84	0,	83	0,
351	89	0,	88	0,	87	0,	85	0,	84	0,	82	0,
355	89	0,	88	0,	86	0,	85	0,	84	0,	82	0,
360	89	0,	88	0,	86	0,	85	0,	83	0,	82	0,
AVERAGE SHIELDING		5,12		0,12		0,		0,		0,		0,
AVERAGE TARGET CONTACT ANGLE		91		90		88		87		85		84

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 10

SHIELDING OF TARGET AT POSITION E
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	88	0.	87	0.	86	0.	85	0.	83	0.	82	0.
7	88	0.	87	0.	86	0.	84	0.	83	0.	82	0.
10	88	0.	86	0.	85	0.	84	0.	83	0.	82	0.
14	87	0.	86	0.	85	0.	84	0.	83	0.	82	0.
18	87	0.	86	0.	85	0.	84	0.	83	0.	82	0.
21	87	0.	86	0.	85	0.	84	0.	83	0.	81	0.
25	87	0.	86	0.	85	0.	84	0.	82	0.	81	0.
28	87	0.	86	0.	85	0.	84	0.	82	0.	81	0.
32	87	0.	86	0.	85	0.	84	0.	82	0.	81	0.
36	87	0.	86	0.	85	0.	84	0.	83	0.	81	0.
39	87	0.	86	0.	85	0.	84	0.	83	0.	82	0.
43	87	0.	86	0.	85	0.	84	0.	83	0.	82	0.
46	87	0.	86	0.	85	0.	84	0.	83	0.	82	0.
50	88	0.	86	0.	85	0.	84	0.	83	0.	82	0.
54	88	0.	87	0.	85	0.	84	0.	83	0.	82	0.
57	89	30.00	87	0.	86	0.	85	0.	83	0.	82	0.
61	89	20.00	87	0.	86	0.	85	0.	84	0.	83	0.
64	89	30.00	87	0.	86	0.	85	0.	84	0.	83	0.
68	89	10.00	88	0.	87	0.	85	0.	84	0.	83	0.
72	90	20.00	88	0.	87	0.	86	0.	85	0.	83	0.
75	90	20.00	88	0.	87	0.	86	0.	85	0.	84	0.
79	90	30.00	88	0.	87	0.	86	0.	84	0.	83	0.
82	89	0.	88	0.	86	0.	85	0.	84	0.	83	0.
86	89	0.	88	0.	86	0.	85	0.	84	0.	83	0.
90	89	0.	88	0.	86	0.	85	0.	84	0.	83	0.
93	89	10.00	88	0.	87	0.	86	0.	85	0.	83	0.
97	90	10.00	89	0.	88	0.	86	0.	85	0.	84	0.
100	91	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
104	91	0.	90	0.	88	0.	87	0.	86	0.	85	0.
108	91	0.	90	0.	88	0.	87	0.	86	0.	85	0.
111	91	0.	90	0.	89	0.	87	0.	86	0.	85	0.
115	91	0.	90	0.	89	0.	87	0.	86	0.	85	0.
118	91	0.	90	0.	89	0.	88	0.	86	0.	85	0.
122	91	0.	90	0.	89	0.	88	0.	87	0.	85	0.

TABLE 10 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
126	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
129	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
133	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
136	92	0.	90	0.	89	0.	88	0.	87	0.	86	0.
140	92	0.	90	0.	89	0.	88	0.	87	0.	86	0.
144	92	0.	90	0.	89	0.	88	0.	87	0.	86	0.
147	92	0.	90	0.	89	0.	88	0.	87	0.	86	0.
151	92	0.	90	0.	89	0.	88	0.	87	0.	86	0.
154	92	0.	90	0.	89	0.	88	0.	87	0.	86	0.
158	92	0.	90	0.	89	0.	88	0.	87	0.	86	0.
162	92	0.	90	0.	89	0.	88	0.	87	0.	86	0.
165	92	0.	90	0.	89	0.	88	0.	87	0.	86	0.
169	92	0.	90	0.	89	0.	88	0.	87	0.	86	0.
172	92	0.	90	0.	89	0.	88	0.	87	0.	86	0.
176	92	0.	90	0.	89	0.	88	0.	87	0.	86	0.
180	92	0.	90	0.	89	0.	88	0.	87	0.	86	0.
183	92	0.	91	0.	89	0.	88	0.	87	0.	86	0.
187	92	0.	91	0.	89	0.	88	0.	87	0.	86	0.
190	92	0.	91	0.	89	0.	88	0.	87	0.	86	0.
194	92	0.	91	0.	90	0.	88	0.	87	0.	86	0.
198	92	0.	91	0.	90	0.	89	0.	87	0.	86	0.
201	92	0.	91	0.	90	0.	89	0.	87	0.	86	0.
205	92	0.	91	0.	90	0.	89	0.	88	0.	86	0.
208	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
212	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
216	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
219	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
223	93	0.	91	0.	90	0.	89	0.	88	0.	87	0.
226	93	0.	91	0.	90	0.	89	0.	88	0.	87	0.
230	93	0.	92	0.	90	0.	89	0.	88	0.	87	0.
234	93	0.	92	0.	91	0.	89	0.	88	0.	87	0.
237	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
241	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
244	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.

TABLE 10 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
248	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
252	94	0.	93	0.	91	0.	90	0.	89	0.	88	0.
255	94	20.00	92	0.	91	0.	90	0.	89	0.	88	0.
259	93	10.00	92	0.	91	0.	89	0.	88	0.	87	0.
262	92	10.00	91	0.	90	0.	88	0.	87	0.	86	0.
266	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
270	91	0.	90	0.	89	0.	88	0.	86	0.	85	0.
273	91	0.	90	0.	89	0.	87	0.	86	0.	85	0.
277	91	0.	90	0.	89	0.	87	0.	86	0.	85	0.
280	93	50.00	90	0.	89	0.	88	0.	87	0.	86	0.
284	93	50.00	91	0.	90	0.	89	0.	87	0.	86	0.
288	93	40.00	91	10.00	90	0.	89	0.	88	0.	87	0.
291	93	30.00	91	10.00	90	0.	89	0.	88	0.	87	0.
295	93	20.00	91	0.	90	0.	89	0.	88	0.	87	0.
298	93	20.00	91	0.	90	0.	89	0.	88	0.	87	0.
302	92	10.00	91	0.	90	0.	89	0.	88	0.	86	0.
306	92	10.00	91	0.	89	0.	88	0.	87	0.	86	0.
309	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
313	91	0.	90	0.	89	0.	88	0.	87	0.	85	0.
316	91	0.	90	0.	89	0.	87	0.	86	0.	85	0.
320	91	0.	89	0.	88	0.	87	0.	86	0.	85	0.
324	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
327	90	0.	89	0.	88	0.	87	0.	86	0.	84	0.
331	90	0.	89	0.	88	0.	87	0.	85	0.	84	0.
334	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
338	90	0.	88	0.	87	0.	86	0.	85	0.	84	0.
342	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
345	89	0.	88	0.	87	0.	86	0.	84	0.	83	0.
349	89	0.	88	0.	87	0.	85	0.	84	0.	83	0.
352	89	0.	87	0.	86	0.	85	0.	84	0.	83	0.
356	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
360	88	0.	87	0.	86	0.	85	0.	84	0.	82	0.
AVERAGE SHIELDING		4.70		0.20		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		89		88		87		86		85

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 8

SHIELDING OF TARGET AT POSITION E

RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	0	100.00	87	0.	86	0.	85	0.	84	0.	83	0.
6	0	100.00	87	0.	86	0.	85	0.	84	0.	83	0.
9	0	100.00	87	0.	86	0.	85	0.	84	0.	83	0.
12	89	70.00	87	0.	86	0.	85	0.	84	0.	83	0.
15	88	20.00	86	0.	85	0.	84	0.	84	0.	83	0.
18	87	0.	86	0.	85	0.	84	0.	83	0.	82	0.
21	87	10.00	86	0.	85	0.	84	0.	83	0.	82	0.
24	87	20.00	86	0.	85	0.	84	0.	83	0.	82	0.
27	87	10.00	86	0.	85	0.	84	0.	83	0.	82	0.
30	87	0.	86	0.	85	0.	84	0.	83	0.	82	0.
33	87	0.	86	0.	85	0.	84	0.	83	0.	82	0.
36	87	0.	86	0.	85	0.	84	0.	83	0.	82	0.
39	87	0.	86	0.	85	0.	84	0.	83	0.	82	0.
42	87	0.	86	0.	85	0.	84	0.	83	0.	82	0.
45	87	0.	86	0.	85	0.	84	0.	83	0.	82	0.
48	87	0.	86	0.	85	0.	85	0.	84	0.	83	0.
51	88	10.00	87	0.	86	0.	85	0.	84	0.	83	0.
54	88	10.00	87	0.	86	0.	85	0.	84	0.	83	0.
57	88	20.00	87	0.	86	0.	85	0.	84	0.	83	0.
60	89	30.00	87	0.	86	0.	85	0.	84	0.	84	0.
63	89	40.00	88	0.	87	0.	86	0.	85	0.	84	0.
66	89	30.00	88	0.	87	0.	86	0.	85	0.	84	0.
69	89	20.00	88	0.	87	0.	86	0.	85	0.	84	0.
72	89	10.00	88	0.	87	0.	86	0.	85	0.	84	0.
75	90	40.00	88	0.	88	0.	87	0.	86	0.	85	0.
78	91	60.00	88	0.	87	0.	86	0.	86	0.	85	0.
81	90	30.00	88	0.	87	0.	86	0.	85	0.	84	0.
84	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
87	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
90	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
93	89	10.00	88	0.	87	0.	86	0.	85	0.	84	0.
96	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
99	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
102	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.

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TABLE 10 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
105	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
108	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
111	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
114	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
117	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
120	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
123	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
126	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
129	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
132	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
135	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
138	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
141	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
144	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
147	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
150	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
153	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
156	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
159	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
162	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
165	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
168	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
171	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
174	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
177	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
180	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
183	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
186	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
189	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
192	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
195	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
198	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
201	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
204	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.

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TABLE 10 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
207	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
210	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
213	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
216	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
219	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
222	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
225	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
228	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
231	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
234	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
237	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
240	92	0.	91	0.	90	0.	89	0.	88	0.	88	0.
243	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
246	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
249	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
252	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
255	93	10,00	92	0.	91	0.	91	0.	90	0.	89	0.
258	93	10,00	92	0.	91	0.	90	0.	89	0.	88	0.
261	92	10,00	91	0.	90	0.	90	0.	89	0.	88	0.
264	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
267	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
270	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
273	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
276	91	10,00	90	0.	89	0.	88	0.	87	0.	86	0.
279	92	50,00	90	0.	89	0.	88	0.	88	0.	87	0.
282	93	50,00	91	0.	90	0.	89	0.	88	0.	87	0.
285	93	40,00	91	10,00	90	0.	89	0.	88	0.	87	0.
288	93	30,00	91	10,00	90	0.	89	0.	88	0.	87	0.
291	92	20,00	91	0.	90	0.	89	0.	88	0.	87	0.
294	92	10,00	91	0.	90	0.	89	0.	88	0.	87	0.
297	92	10,00	91	0.	90	0.	89	0.	88	0.	87	0.
300	92	10,00	91	0.	90	0.	89	0.	88	0.	87	0.
303	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
306	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.

TABLE 10 (CON,)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
309	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
312	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
315	90	0,	89	0,	89	0,	88	0,	87	0,	86	0,
318	90	0,	89	0,	88	0,	87	0,	86	0,	85	0,
321	90	0,	89	0,	88	0,	87	0,	86	0,	85	0,
324	90	0,	89	0,	88	0,	87	0,	86	0,	85	0,
327	90	0,	89	0,	88	0,	87	0,	86	0,	85	0,
330	90	0,	89	0,	88	0,	87	0,	86	0,	85	0,
333	89	0,	88	0,	88	0,	87	0,	86	0,	85	0,
336	89	0,	88	0,	87	0,	86	0,	85	0,	84	0,
339	89	0,	88	0,	87	0,	86	0,	85	0,	84	0,
342	89	0,	88	0,	87	0,	86	0,	85	0,	84	0,
345	89	0,	88	0,	87	0,	86	0,	85	0,	84	0,
348	89	0,	88	0,	87	0,	86	0,	85	0,	84	0,
351	91	80,00	88	0,	87	0,	86	0,	85	0,	84	0,
354	0	100,00	88	0,	87	0,	86	0,	85	0,	84	0,
357	0	100,00	87	0,	87	0,	86	0,	85	0,	84	0,
360	0	100,00	87	0,	87	0,	86	0,	85	0,	84	0,
AVERAGE SHIELDING		11,58		0,17		0,		0,		0,		0,
AVERAGE TARGET CONTACT ANGLE		90		89		88		87		86		85

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 10

SHIELDING OF TARGET AT POSITION E

RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	90	80,00	87	0,	86	0,	86	0,	85	0,	84	0,
5	90	90,00	87	0,	86	0,	85	0,	85	0,	84	0,
7	89	60,00	87	0,	86	0,	85	0,	85	0,	84	0,
10	89	80,00	87	0,	86	0,	85	0,	84	0,	84	0,
12	89	60,00	87	0,	86	0,	85	0,	84	0,	84	0,
15	89	70,00	87	0,	86	0,	85	0,	84	0,	83	0,
18	89	70,00	87	0,	86	0,	85	0,	84	0,	83	0,
20	89	70,00	87	0,	86	0,	85	0,	84	0,	83	0,
23	88	50,00	86	0,	86	0,	85	0,	84	0,	83	0,
25	88	50,00	86	0,	86	0,	85	0,	84	0,	83	0,
28	88	60,00	86	0,	85	0,	85	0,	84	0,	83	0,
30	88	50,00	86	0,	85	0,	85	0,	84	0,	83	0,
33	87	30,00	86	0,	85	0,	85	0,	84	0,	83	0,
36	87	0,	86	0,	85	0,	85	0,	84	0,	83	0,
38	87	10,00	86	0,	85	0,	85	0,	84	0,	83	0,
41	87	10,00	86	0,	85	0,	85	0,	84	0,	83	0,
43	87	10,00	86	0,	85	0,	85	0,	84	0,	83	0,
46	87	0,	86	0,	86	0,	85	0,	84	0,	83	0,
48	87	0,	86	0,	86	0,	85	0,	84	0,	83	0,
51	87	0,	87	0,	86	0,	85	0,	84	0,	83	0,
54	88	0,	87	0,	86	0,	85	0,	84	0,	84	0,
56	88	0,	87	0,	86	0,	85	0,	85	0,	84	0,
59	88	10,00	87	0,	36	0,	86	0,	85	0,	84	0,
61	88	10,00	88	0,	87	0,	86	0,	85	0,	84	0,
64	89	20,00	88	0,	87	0,	86	0,	85	0,	85	0,
66	89	20,00	88	0,	87	0,	86	0,	86	0,	85	0,
69	89	20,00	88	0,	87	0,	87	0,	86	0,	85	0,
72	89	10,00	88	0,	88	0,	87	0,	86	0,	85	0,
74	90	20,00	89	0,	88	0,	87	0,	86	0,	85	0,
77	90	40,00	89	0,	88	0,	87	0,	86	0,	85	0,
79	91	60,00	89	0,	88	0,	87	0,	86	0,	85	0,
82	90	40,00	88	0,	87	0,	86	0,	86	0,	85	0,
84	89	0,	88	0,	87	0,	86	0,	85	0,	85	0,
87	89	0,	88	0,	87	0,	86	0,	85	0,	85	0,

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TABLE 10 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
90	89	0.	88	0.	87	0.	86	0.	85	0.	85	0.
92	89	0.	88	0.	87	0.	86	0.	86	0.	85	0.
95	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
97	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
100	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
102	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
105	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
108	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
110	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
113	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
115	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
118	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
120	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
123	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
126	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
128	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
131	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
133	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
136	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
138	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
141	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
144	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
146	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
149	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
151	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
154	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
156	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
159	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
162	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
164	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
167	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
169	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
172	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
174	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.

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TABLE 10 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
177	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
180	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
182	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
185	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
187	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
190	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
192	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
195	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
198	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
200	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
203	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
205	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
208	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
210	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
213	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
216	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
218	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
221	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
223	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
226	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
228	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
231	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
234	91	0.	91	0.	90	0.	89	0.	88	0.	87	0.
236	91	0.	91	0.	90	0.	89	0.	88	0.	87	0.
239	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
241	92	0.	91	0.	90	0.	89	0.	88	0.	88	0.
244	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
246	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
249	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
252	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
254	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
257	93	0.	92	0.	91	0.	90	0.	89	0.	89	0.
259	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
262	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.

TABLE 10/8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
264	91	0.	91	0.	90	0.	89	0.	88	0.	87	0.
267	91	10.00	90	0.	89	0.	89	0.	88	0.	87	0.
270	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
272	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
275	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
277	0	100.00	91	0.	90	0.	89	0.	88	0.	87	0.
280	0	100.00	91	10.00	90	0.	89	0.	89	0.	88	0.
282	0	100.00	92	20.00	91	0.	90	0.	89	0.	88	0.
285	0	100.00	92	20.00	91	0.	90	0.	89	0.	88	0.
288	0	100.00	92	10.00	91	0.	90	0.	89	0.	88	0.
290	92	10.00	91	0.	90	0.	89	0.	89	0.	88	0.
293	0	100.00	91	0.	90	0.	89	0.	89	0.	88	0.
295	92	10.00	91	0.	90	0.	89	0.	88	0.	88	0.
298	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
300	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
303	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
306	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
308	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
311	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
313	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
316	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
318	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
321	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
324	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
326	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
329	90	40.00	89	0.	88	0.	87	0.	86	0.	85	0.
331	90	50.00	89	0.	88	0.	87	0.	86	0.	85	0.
334	90	50.00	89	0.	88	0.	87	0.	86	0.	85	0.
336	90	50.00	88	0.	88	0.	87	0.	86	0.	85	0.
339	90	50.00	88	0.	88	0.	87	0.	86	0.	85	0.
342	90	40.00	88	0.	87	0.	87	0.	86	0.	85	0.
344	89	30.00	88	0.	87	0.	86	0.	86	0.	85	0.
347	90	60.00	88	0.	87	0.	86	0.	86	0.	85	0.
349	90	60.00	88	0.	87	0.	86	0.	85	0.	85	0.

TABLE 10 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
352	0	100,00	88	0,	87	0,	86	0,	85	0,	84	0,
354	0	100,00	88	0,	87	0,	86	0,	85	0,	84	0,
357	0	100,00	87	0,	87	0,	86	0,	85	0,	84	0,
360	0	100,00	87	0,	86	0,	86	0,	85	0,	84	0,
AVERAGE SHIELDING		18,29		0,43		0,		0,		0,		0,
AVERAGE TARGET CONTACT ANGLE		90		89		88		87		86		86

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 10

SHIELDING OF TARGET AT POSITION E
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	0	100.00	88	0.	87	0.	86	0.	85	0.	85	0.
4	0	100.00	87	0.	87	0.	86	0.	85	0.	85	0.
6	0	100.00	87	0.	87	0.	86	0.	85	0.	85	0.
9	0	100.00	87	0.	87	0.	86	0.	85	0.	84	0.
11	90	90.00	87	0.	86	0.	86	0.	85	0.	84	0.
13	89	90.00	87	0.	86	0.	86	0.	85	0.	84	0.
15	89	80.00	87	0.	86	0.	86	0.	85	0.	84	0.
18	89	80.00	87	0.	86	0.	85	0.	85	0.	84	0.
20	89	70.00	87	0.	86	0.	85	0.	85	0.	84	0.
22	89	90.00	87	0.	86	0.	85	0.	85	0.	84	0.
24	89	80.00	87	0.	86	0.	85	0.	84	0.	84	0.
27	89	80.00	87	0.	86	0.	85	0.	84	0.	84	0.
29	89	80.00	86	0.	86	0.	85	0.	84	0.	84	0.
31	88	60.00	86	0.	86	0.	85	0.	84	0.	84	0.
33	88	40.00	86	0.	86	0.	85	0.	84	0.	83	0.
36	87	20.00	86	0.	86	0.	85	0.	84	0.	83	0.
38	87	20.00	86	0.	86	0.	85	0.	84	0.	83	0.
40	87	30.00	86	0.	86	0.	85	0.	84	0.	83	0.
42	87	0.	86	0.	86	0.	85	0.	84	0.	83	0.
45	87	0.	86	0.	86	0.	85	0.	84	0.	84	0.
47	87	0.	86	0.	86	0.	85	0.	84	0.	84	0.
49	87	0.	87	0.	86	0.	85	0.	84	0.	84	0.
51	87	10.00	87	0.	86	0.	85	0.	85	0.	84	0.
54	88	0.	87	0.	86	0.	85	0.	85	0.	84	0.
56	88	0.	87	0.	86	0.	86	0.	85	0.	84	0.
58	88	0.	87	0.	87	0.	86	0.	85	0.	84	0.
60	88	10.00	87	0.	87	0.	86	0.	85	0.	85	0.
63	88	10.00	88	0.	87	0.	86	0.	86	0.	85	0.
65	89	20.00	88	0.	87	0.	86	0.	86	0.	85	0.
67	89	30.00	88	0.	87	0.	87	0.	86	0.	85	0.
69	90	50.00	88	0.	88	0.	87	0.	86	0.	86	0.
72	89	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
74	90	20.00	89	0.	88	0.	87	0.	87	0.	86	0.
76	90	30.00	89	0.	88	0.	87	0.	87	0.	86	0.

TABLE 10 (CON,)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
78	90	50.00	89	10.00	88	0.	87	0.	87	0.	86	0.
81	91	80.00	89	0.	88	0.	87	0.	86	0.	86	0.
83	90	50.00	88	0.	87	0.	87	0.	86	0.	85	0.
85	89	20.00	88	0.	87	0.	86	0.	86	0.	85	0.
87	89	0.	88	0.	87	0.	86	0.	86	0.	85	0.
90	89	0.	88	0.	87	0.	86	0.	86	0.	85	0.
92	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
94	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
96	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
99	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
101	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
103	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
105	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
108	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
110	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
112	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
114	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
117	89	0.	89	0.	88	0.	87	0.	86	0.	86	0.
119	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
121	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
123	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
126	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
128	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
130	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
132	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
135	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
137	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
139	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
141	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
144	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
146	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
148	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
150	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
153	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.

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TABLE 10 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
155	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
157	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
159	89	0.	89	0.	88	0.	87	0.	86	0.	86	0.
162	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
164	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
166	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
168	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
171	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
173	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
175	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
177	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
180	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
182	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
184	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
186	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
189	89	0.	89	0.	88	0.	87	0.	86	0.	86	0.
191	89	0.	89	0.	88	0.	87	0.	86	0.	86	0.
193	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
195	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
198	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
200	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
202	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
204	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
207	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
209	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
211	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
213	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
216	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
218	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
220	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
222	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
225	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
227	90	0.	90	0.	89	0.	88	0.	88	0.	87	0.
229	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.

TABLE 10 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
231	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
234	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
236	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
238	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
240	91	0.	90	0.	90	0.	89	0.	88	0.	88	0.
243	91	0.	91	0.	90	0.	89	0.	88	0.	88	0.
245	91	0.	91	0.	90	0.	89	0.	89	0.	88	0.
247	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
249	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
252	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
254	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
256	92	0.	91	0.	91	0.	90	0.	89	0.	89	0.
258	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
261	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
263	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
265	91	0.	90	0.	90	0.	89	0.	88	0.	88	0.
267	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
270	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
272	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
274	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
276	92	60.00	91	0.	90	0.	89	0.	88	0.	88	0.
279	93	60.00	91	10.00	90	0.	90	0.	89	0.	88	0.
281	0	100.00	92	30.00	91	0.	90	0.	89	0.	89	0.
283	0	100.00	92	30.00	91	10.00	90	0.	90	0.	89	0.
285	0	100.00	93	30.00	91	10.00	91	0.	90	0.	89	0.
288	0	100.00	92	20.00	91	10.00	91	0.	90	0.	89	0.
290	0	100.00	92	10.00	91	0.	91	0.	90	0.	89	0.
292	0	100.00	92	10.00	91	0.	90	0.	89	0.	89	0.
294	0	100.00	91	10.00	91	0.	90	0.	89	0.	89	0.
297	0	100.00	91	0.	90	0.	90	0.	89	0.	88	0.
299	92	30.00	90	0.	90	0.	89	0.	88	0.	88	0.
301	0	100.00	90	0.	90	0.	89	0.	88	0.	87	0.
303	91	10.00	90	0.	89	0.	89	0.	88	0.	87	0.
306	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.

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TABLE 10 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
308	91	30,00	90	0,	89	0,	89	0,	88	0,	87	0,
310	90	10,00	90	0,	89	0,	89	0,	88	0,	87	0,
312	90	0,	90	0,	89	0,	88	0,	87	0,	87	0,
315	90	0,	89	0,	89	0,	88	0,	87	0,	87	0,
317	91	30,00	89	0,	89	0,	88	0,	87	0,	87	0,
319	90	30,00	89	0,	89	0,	88	0,	87	0,	86	0,
321	91	40,00	89	0,	89	0,	88	0,	87	0,	86	0,
324	91	40,00	89	0,	88	0,	88	0,	87	0,	86	0,
326	90	40,00	89	0,	88	0,	88	0,	87	0,	86	0,
328	91	50,00	89	0,	88	0,	88	0,	87	0,	86	0,
330	91	60,00	89	0,	88	0,	88	0,	87	0,	86	0,
333	91	90,00	89	0,	88	0,	87	0,	87	0,	86	0,
335	0	100,00	89	0,	88	0,	87	0,	87	0,	86	0,
337	0	100,00	89	0,	88	0,	87	0,	87	0,	86	0,
339	0	100,00	89	0,	88	0,	87	0,	87	0,	86	0,
342	0	100,00	89	0,	88	0,	87	0,	87	0,	86	0,
344	0	100,00	89	30,00	88	0,	88	0,	87	0,	86	0,
346	0	100,00	90	60,00	88	0,	88	0,	87	0,	86	0,
348	0	100,00	90	50,00	88	0,	87	0,	87	0,	86	0,
351	0	100,00	89	30,00	88	0,	87	0,	86	0,	86	0,
353	0	100,00	88	0,	88	0,	87	0,	86	0,	86	0,
355	0	100,00	88	0,	87	0,	87	0,	86	0,	85	0,
357	0	100,00	88	0,	87	0,	86	0,	86	0,	85	0,
360	0	100,00	88	0,	87	0,	86	0,	86	0,	85	0,
AVERAGE SHIELDING		27,50		2,06		0,19		0,		0,		0,
AVERAGE TARGET CONTACT ANGLE		90		89		88		87		87		86

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE II

SHIELDING OF TARGET AT POSITION A
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
18	96	0.	90	0.	85	0.	79	0.	74	0.	68	0.
36	95	0.	89	0.	84	0.	78	0.	73	0.	68	0.
54	94	10.00	88	0.	82	0.	77	0.	71	0.	66	0.
72	92	0.	86	0.	81	0.	75	0.	70	0.	65	0.
90	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
108	92	0.	86	0.	81	0.	75	0.	70	0.	65	0.
126	93	0.	87	0.	82	0.	76	0.	71	0.	66	0.
144	95	10.00	89	0.	84	0.	78	0.	73	0.	68	0.
162	98	20.00	91	0.	85	0.	79	0.	74	0.	69	0.
180	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
198	98	20.00	91	0.	85	0.	80	0.	74	0.	69	0.
216	95	10.00	89	0.	84	0.	78	0.	73	0.	68	0.
234	93	10.00	87	0.	82	0.	76	0.	71	0.	66	0.
252	92	0.	86	0.	81	0.	75	0.	70	0.	65	0.
270	92	0.	86	0.	80	0.	75	0.	69	0.	65	0.
288	92	0.	86	0.	81	0.	75	0.	70	0.	65	0.
306	94	10.00	88	0.	82	0.	77	0.	71	0.	66	0.
324	95	0.	89	0.	84	0.	78	0.	73	0.	68	0.
342	96	0.	90	0.	85	0.	79	0.	74	0.	68	0.
360	96	10.00	91	0.	85	0.	79	0.	74	0.	69	0.
AVERAGE SHIELDING		5.00		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		94		88		82		77		72		67

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8

SHIELDING OF TARGET AT POSITION A
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
9	93	0.	90	0.	87	0.	84	0.	82	0.	79	0.
18	93	0.	91	0.	88	0.	85	0.	82	0.	79	0.
27	94	0.	91	0.	89	0.	86	0.	83	0.	80	0.
36	97	30.00	93	0.	90	0.	87	0.	84	0.	81	0.
45	94	10.00	91	0.	89	0.	86	0.	83	0.	80	0.
54	94	10.00	91	0.	88	0.	85	0.	82	0.	79	0.
63	93	10.00	90	0.	87	0.	84	0.	81	0.	78	0.
72	93	20.00	89	0.	86	0.	83	0.	80	0.	78	0.
81	91	0.	88	0.	85	0.	82	0.	79	0.	77	0.
90	90	0.	87	0.	85	0.	82	0.	79	0.	76	0.
99	91	0.	88	0.	85	0.	82	0.	79	0.	76	0.
108	92	20.00	89	0.	86	0.	83	0.	80	0.	77	0.
117	95	30.00	90	0.	87	0.	84	0.	81	0.	79	0.
126	96	30.00	91	0.	89	0.	86	0.	83	0.	80	0.
135	94	10.00	92	0.	89	0.	86	0.	83	0.	80	0.
144	94	0.	92	0.	89	0.	86	0.	83	0.	80	0.
153	95	10.00	92	0.	89	0.	86	0.	84	0.	81	0.
162	99	50.00	93	0.	90	0.	87	0.	84	0.	82	0.
171	101	70.00	93	0.	91	0.	88	0.	85	0.	82	0.
180	103	90.00	94	0.	91	0.	88	0.	85	0.	82	0.
189	101	70.00	93	0.	91	0.	88	0.	85	0.	82	0.
198	98	40.00	93	0.	90	0.	87	0.	84	0.	82	0.
207	95	10.00	92	0.	89	0.	87	0.	84	0.	81	0.
216	95	10.00	92	0.	89	0.	86	0.	83	0.	81	0.
225	94	10.00	92	0.	89	0.	86	0.	83	0.	80	0.
234	95	20.00	91	0.	89	0.	86	0.	83	0.	80	0.
243	96	40.00	90	0.	87	0.	84	0.	82	0.	79	0.
252	92	20.00	89	0.	86	0.	83	0.	80	0.	77	0.
261	91	0.	88	0.	85	0.	82	0.	79	0.	76	0.
270	90	0.	87	0.	85	0.	82	0.	79	0.	76	0.
279	91	0.	88	0.	85	0.	82	0.	79	0.	77	0.
288	93	20.00	89	0.	86	0.	83	0.	80	0.	78	0.
297	93	10.00	90	0.	87	0.	84	0.	81	0.	78	0.
306	94	10.00	91	0.	88	0.	85	0.	82	0.	79	0.

TABLE 11 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
315	94	10.00	91	0.	89	0.	86	0.	83	0.	80	0.
324	97	30.00	93	0.	90	0.	87	0.	84	0.	81	0.
333	94	0.	91	0.	89	0.	86	0.	83	0.	80	0.
342	93	0.	91	0.	88	0.	85	0.	82	0.	79	0.
351	93	0.	90	0.	87	0.	84	0.	82	0.	79	0.
360	93	0.	90	0.	87	0.	84	0.	81	0.	79	0.
AVERAGE SHIELDING		17.25		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		94		91		88		85		82		79

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE II

SHIELDING OF TARGET AT POSITION A
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
6	97	90.00	90	0.	88	0.	86	0.	84	0.	83	0.
12	97	90.00	90	0.	88	0.	87	0.	85	0.	83	0.
18	0	100.00	94	50.00	89	0.	87	0.	86	0.	84	0.
24	0	100.00	0	100.00	90	0.	88	0.	86	0.	84	0.
30	0	100.00	0	100.00	90	0.	88	0.	86	0.	84	0.
36	0	100.00	89	0.	87	0.	86	0.	84	0.	82	0.
42	90	0.	88	0.	86	0.	84	0.	83	0.	81	0.
48	92	0.	90	0.	88	0.	86	0.	84	0.	82	0.
54	93	0.	91	0.	89	0.	87	0.	85	0.	83	0.
60	94	30.00	91	0.	89	0.	87	0.	85	0.	84	0.
66	92	10.00	90	0.	88	0.	87	0.	85	0.	83	0.
72	92	10.00	90	0.	88	0.	86	0.	84	0.	82	0.
78	91	10.00	89	0.	87	0.	85	0.	83	0.	81	0.
84	90	0.	88	0.	86	0.	85	0.	83	0.	81	0.
90	90	0.	88	0.	86	0.	84	0.	83	0.	81	0.
96	90	0.	88	0.	86	0.	85	0.	83	0.	81	0.
102	91	20.00	89	0.	87	0.	85	0.	83	0.	81	0.
108	92	20.00	90	0.	88	0.	86	0.	84	0.	82	0.
114	93	20.00	91	0.	89	0.	87	0.	85	0.	83	0.
120	93	10.00	91	0.	89	0.	87	0.	85	0.	83	0.
126	94	20.00	91	0.	89	0.	87	0.	86	0.	84	0.
132	99	90.00	92	0.	90	0.	89	0.	87	0.	85	0.
138	96	40.00	93	0.	91	0.	89	0.	87	0.	85	0.
144	93	0.	91	0.	89	0.	87	0.	85	0.	83	0.
150	93	0.	91	0.	89	0.	87	0.	85	0.	83	0.
156	92	0.	90	0.	88	0.	86	0.	84	0.	82	0.
162	91	0.	89	0.	87	0.	85	0.	83	0.	82	0.
168	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
174	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
180	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
186	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
192	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
198	91	0.	89	0.	87	0.	85	0.	83	0.	82	0.
204	92	0.	90	0.	88	0.	86	0.	84	0.	82	0.

TABLE 11 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
210	93	0.	91	0.	89	0.	87	0.	85	0.	83	0.
216	93	0.	91	0.	89	0.	87	0.	85	0.	83	0.
222	97	50.00	93	0.	91	0.	89	0.	87	0.	85	0.
228	98	80.00	92	0.	90	0.	89	0.	87	0.	85	0.
234	94	20.00	91	0.	89	0.	88	0.	86	0.	84	0.
240	93	10.00	91	0.	89	0.	87	0.	85	0.	83	0.
246	93	20.00	91	0.	89	0.	87	0.	85	0.	83	0.
252	93	30.00	90	0.	88	0.	86	0.	84	0.	82	0.
258	91	20.00	89	0.	87	0.	85	0.	83	0.	81	0.
264	90	0.	88	0.	86	0.	85	0.	83	0.	81	0.
270	90	0.	88	0.	86	0.	84	0.	83	0.	81	0.
276	90	0.	88	0.	86	0.	85	0.	83	0.	81	0.
282	91	10.00	89	0.	87	0.	85	0.	83	0.	81	0.
288	92	10.00	90	0.	88	0.	86	0.	84	0.	82	0.
294	92	10.00	90	0.	88	0.	87	0.	85	0.	83	0.
300	95	40.00	91	0.	89	0.	87	0.	85	0.	84	0.
306	93	0.	91	0.	89	0.	87	0.	85	0.	83	0.
312	92	0.	90	0.	88	0.	86	0.	84	0.	82	0.
318	90	0.	88	0.	86	0.	84	0.	82	0.	81	0.
324	0	100.00	89	0.	87	0.	86	0.	84	0.	82	0.
330	0	100.00	0	100.00	90	0.	88	0.	86	0.	84	0.
336	0	100.00	0	100.00	90	0.	88	0.	86	0.	84	0.
342	0	100.00	94	50.00	89	0.	87	0.	86	0.	84	0.
348	97	90.00	90	0.	88	0.	87	0.	85	0.	83	0.
354	97	90.00	90	0.	88	0.	86	0.	84	0.	83	0.
360	96	80.00	90	0.	88	0.	86	0.	84	0.	82	0.
AVERAGE SHIELDING		30.33		8.33		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		90		88		86		84		82

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8

SHIELDING OF TARGET AT POSITION A
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
4	91	20.00	89	0.	88	0.	86	0.	85	0.	84	0.
9	91	10.00	89	0.	88	0.	86	0.	85	0.	84	0.
13	91	0.	89	0.	88	0.	87	0.	85	0.	84	0.
18	91	10.00	89	0.	88	0.	87	0.	85	0.	84	0.
22	91	20.00	89	0.	88	0.	87	0.	85	0.	84	0.
27	91	10.00	89	0.	88	0.	87	0.	85	0.	84	0.
31	92	40.00	89	0.	88	0.	87	0.	85	0.	84	0.
36	92	40.00	90	0.	88	0.	87	0.	85	0.	84	0.
40	93	60.00	90	0.	88	0.	87	0.	85	0.	84	0.
45	0	100.00	95	90.00	90	0.	88	0.	87	0.	85	0.
49	0	100.00	0	100.00	90	20.00	89	0.	87	0.	86	0.
54	0	100.00	89	0.	88	0.	86	0.	85	0.	83	0.
58	91	0.	89	0.	88	0.	86	0.	85	0.	83	0.
63	92	0.	90	0.	89	0.	87	0.	86	0.	84	0.
67	93	30.00	91	0.	89	0.	88	0.	87	0.	85	0.
72	92	0.	90	0.	89	0.	87	0.	86	0.	84	0.
76	91	10.00	90	0.	88	0.	87	0.	85	0.	84	0.
81	91	10.00	89	0.	88	0.	86	0.	85	0.	83	0.
85	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
90	90	0.	88	0.	87	0.	86	0.	84	0.	83	0.
94	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
99	91	20.00	89	0.	88	0.	86	0.	85	0.	83	0.
103	92	30.00	90	0.	88	0.	87	0.	85	0.	84	0.
108	92	10.00	90	0.	89	0.	88	0.	86	0.	85	0.
112	92	10.00	90	0.	89	0.	88	0.	86	0.	85	0.
117	93	30.00	91	0.	89	0.	88	0.	87	0.	85	0.
121	96	70.00	92	0.	90	0.	89	0.	88	0.	86	0.
126	92	0.	91	0.	89	0.	88	0.	86	0.	85	0.
130	92	0.	90	0.	89	0.	87	0.	86	0.	85	0.
135	91	0.	89	0.	88	0.	86	0.	85	0.	84	0.
139	90	0.	89	0.	87	0.	86	0.	85	0.	83	0.
144	90	0.	89	0.	87	0.	86	0.	85	0.	83	0.
148	0	100.00	90	0.	88	0.	87	0.	86	0.	84	0.
153	0	100.00	0	100.00	90	0.	88	0.	87	0.	86	0.

TABLE 11 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
157	0	100.00	94	70.00	90	0.	88	0.	87	0.	85	0.
162	0	100.00	90	0.	89	0.	88	0.	86	0.	85	0.
166	94	80.00	90	0.	88	0.	87	0.	86	0.	84	0.
171	92	30.00	89	0.	88	0.	86	0.	85	0.	84	0.
175	92	40.00	89	0.	88	0.	87	0.	85	0.	84	0.
180	90	10.00	89	0.	88	0.	86	0.	85	0.	83	0.
184	92	40.00	89	0.	88	0.	87	0.	85	0.	84	0.
189	92	40.00	89	0.	88	0.	87	0.	85	0.	84	0.
193	95	90.00	90	0.	89	0.	87	0.	86	0.	84	0.
198	0	100.00	91	20.00	89	0.	88	0.	86	0.	85	0.
202	0	100.00	94	80.00	90	0.	88	0.	87	0.	85	0.
207	0	100.00	0	100.00	90	0.	88	0.	87	0.	85	0.
211	0	100.00	90	0.	88	0.	87	0.	85	0.	84	0.
216	90	0.	89	0.	87	0.	86	0.	85	0.	83	0.
220	90	0.	89	0.	87	0.	86	0.	85	0.	83	0.
225	91	0.	89	0.	88	0.	86	0.	85	0.	84	0.
229	92	0.	90	0.	89	0.	87	0.	86	0.	85	0.
234	92	0.	91	0.	89	0.	88	0.	86	0.	85	0.
238	95	60.00	92	0.	90	0.	89	0.	88	0.	86	0.
243	92	10.00	91	0.	90	0.	88	0.	87	0.	85	0.
247	92	10.00	91	0.	89	0.	88	0.	86	0.	85	0.
252	92	20.00	90	0.	89	0.	88	0.	86	0.	85	0.
256	92	30.00	90	0.	88	0.	87	0.	86	0.	84	0.
261	91	20.00	89	0.	88	0.	86	0.	85	0.	83	0.
265	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
270	90	0.	88	0.	87	0.	86	0.	84	0.	83	0.
274	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
279	91	10.00	89	0.	88	0.	86	0.	85	0.	83	0.
283	91	10.00	90	0.	88	0.	87	0.	85	0.	84	0.
288	92	0.	90	0.	89	0.	87	0.	86	0.	84	0.
292	94	40.00	91	0.	89	0.	88	0.	87	0.	85	0.
297	92	0.	90	0.	89	0.	87	0.	86	0.	85	0.
301	91	0.	89	0.	88	0.	86	0.	85	0.	83	0.
306	0	100.00	89	0.	88	0.	86	0.	85	0.	83	0.

TABLE II (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
310	0	100.00	0	100.00	91	20.00	89	0.	87	0.	86	0.
315	0	100.00	94	80.00	90	0.	88	0.	87	0.	85	0.
319	93	60.00	90	0.	88	0.	87	0.	85	0.	84	0.
324	92	40.00	90	0.	88	0.	87	0.	85	0.	84	0.
328	92	30.00	89	0.	88	0.	87	0.	85	0.	84	0.
333	91	10.00	89	0.	88	0.	87	0.	85	0.	84	0.
337	91	20.00	89	0.	88	0.	87	0.	85	0.	84	0.
342	91	10.00	89	0.	88	0.	87	0.	85	0.	84	0.
346	91	0.	89	0.	88	0.	86	0.	85	0.	84	0.
351	91	10.00	89	0.	88	0.	86	0.	85	0.	84	0.
355	91	20.00	89	0.	88	0.	86	0.	85	0.	84	0.
360	91	20.00	89	0.	88	0.	86	0.	85	0.	84	0.
AVERAGE SHIELDING		32.37		9.25		0.50		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		90		88		87		86		84

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 11/8

SHIELDING OF TARGET AT POSITION A
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
3	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
7	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
10	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
14	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
18	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
21	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
25	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
28	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
32	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
36	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
39	91	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
43	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
46	91	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
50	92	50.00	90	0.	88	0.	87	0.	86	0.	85	0.
54	0	100.00	90	0.	89	0.	88	0.	87	0.	85	0.
57	0	100.00	0	100.00	90	0.	89	0.	88	0.	87	0.
61	0	100.00	89	0.	88	0.	87	0.	86	0.	85	0.
64	90	0.	89	0.	88	0.	87	0.	85	0.	84	0.
68	91	0.	90	0.	89	0.	88	0.	87	0.	85	0.
72	93	40.00	90	0.	89	0.	88	0.	87	0.	86	0.
75	91	0.	90	0.	89	0.	88	0.	86	0.	85	0.
79	91	10.00	90	0.	88	0.	87	0.	86	0.	85	0.
82	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
86	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
90	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
93	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
97	90	10.00	89	0.	88	0.	87	0.	86	0.	84	0.
100	92	30.00	90	0.	89	0.	87	0.	86	0.	85	0.
104	92	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
108	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
111	93	40.00	91	0.	90	0.	88	0.	87	0.	86	0.
115	94	60.00	91	0.	90	0.	89	0.	88	0.	87	0.
118	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
122	91	0.	90	0.	89	0.	88	0.	86	0.	85	0.

TABLE II (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
126	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
129	90	0.	89	0.	88	0.	87	0.	85	0.	84	0.
133	0	100.00	90	0.	88	0.	87	0.	86	0.	85	0.
136	0	100.00	0	100.00	90	0.	89	0.	87	0.	86	0.
140	0	100.00	90	0.	89	0.	88	0.	87	0.	85	0.
144	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
147	0	100.00	90	0.	89	0.	88	0.	86	0.	85	0.
151	0	100.00	90	0.	89	0.	88	0.	87	0.	85	0.
154	0	100.00	90	0.	89	0.	88	0.	87	0.	85	0.
158	94	80.00	90	0.	89	0.	88	0.	87	0.	85	0.
162	93	70.00	90	0.	89	0.	88	0.	87	0.	85	0.
165	93	70.00	90	0.	89	0.	88	0.	87	0.	85	0.
169	92	40.00	90	0.	89	0.	88	0.	87	0.	85	0.
172	92	40.00	90	0.	89	0.	88	0.	87	0.	85	0.
176	93	60.00	90	0.	89	0.	88	0.	87	0.	85	0.
180	94	80.00	90	0.	89	0.	88	0.	87	0.	85	0.
183	93	50.00	90	0.	89	0.	88	0.	87	0.	85	0.
187	92	40.00	90	0.	89	0.	88	0.	87	0.	85	0.
190	92	40.00	90	0.	89	0.	88	0.	87	0.	85	0.
194	93	60.00	90	0.	89	0.	88	0.	87	0.	85	0.
198	93	50.00	90	0.	89	0.	88	0.	87	0.	85	0.
201	94	80.00	90	0.	89	0.	88	0.	87	0.	85	0.
205	0	100.00	90	0.	89	0.	88	0.	87	0.	85	0.
208	0	100.00	90	0.	89	0.	88	0.	87	0.	85	0.
212	93	70.00	90	0.	88	0.	87	0.	86	0.	85	0.
216	92	40.00	89	0.	88	0.	87	0.	86	0.	85	0.
219	0	100.00	91	30.00	89	0.	88	0.	87	0.	86	0.
223	0	100.00	0	100.00	90	0.	89	0.	87	0.	86	0.
226	0	100.00	89	0.	88	0.	87	0.	86	0.	85	0.
230	90	0.	89	0.	88	0.	87	0.	86	0.	84	0.
234	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
237	91	0.	90	0.	89	0.	88	0.	86	0.	85	0.
241	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
244	95	80.00	91	0.	90	0.	89	0.	88	0.	87	0.

TABLE 11 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
248	92	10.00	91	0.	90	0.	88	0.	87	0.	86	0.
252	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
255	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
259	92	30.00	90	0.	89	0.	87	0.	86	0.	85	0.
262	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
266	90	10.00	89	0.	88	0.	87	0.	85	0.	84	0.
270	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
273	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
277	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
280	91	10.00	90	0.	88	0.	87	0.	86	0.	85	0.
284	92	20.00	90	0.	89	0.	88	0.	87	0.	85	0.
288	94	80.00	91	0.	90	0.	88	0.	87	0.	86	0.
291	91	0.	90	0.	89	0.	88	0.	87	0.	85	0.
295	90	0.	89	0.	88	0.	87	0.	86	0.	84	0.
298	0	100.00	89	0.	88	0.	87	0.	86	0.	85	0.
302	0	100.00	0	100.00	90	0.	89	0.	88	0.	87	0.
306	0	100.00	90	0.	89	0.	88	0.	87	0.	85	0.
309	92	50.00	90	0.	88	0.	87	0.	86	0.	85	0.
313	91	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
316	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
320	91	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
324	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
327	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
331	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
334	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
338	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
342	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
345	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
349	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
352	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
356	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
360	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
AVERAGE SHIELDING		34.50		4.30		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		90		89		87		86		85

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE II

SHIELDING OF TARGET AT POSITION A
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
3	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
6	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
9	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
12	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
15	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
18	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
21	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
24	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
27	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
30	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
33	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
36	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
39	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
42	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
45	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
48	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
51	91	20.00	89	0.	88	0.	87	0.	87	0.	86	0.
54	91	30.00	89	0.	88	0.	88	0.	87	0.	86	0.
57	91	40.00	90	0.	89	0.	88	0.	87	0.	86	0.
60	93	80.00	90	0.	89	0.	88	0.	87	0.	86	0.
63	0	100.00	0	100.00	90	0.	89	0.	88	0.	87	0.
66	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
69	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
72	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
75	0	100.00	90	0.	89	0.	88	0.	87	0.	87	0.
78	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
81	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
84	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
87	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
90	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
93	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
96	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
99	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
102	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
105	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
108	0	100.00	91	0.	90	0.	89	0.	88	0.	87	0.
111	93	60.00	91	0.	90	0.	89	0.	88	0.	87	0.
114	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
117	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
120	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
123	0	100.00	89	0.	88	0.	87	0.	86	0.	85	0.
126	0	100.00	0	100.00	89	0.	88	0.	87	0.	87	0.
129	0	100.00	90	20.00	89	0.	88	0.	87	0.	86	0.
132	90	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
135	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
138	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
141	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
144	93	70.00	90	0.	89	0.	88	0.	87	0.	86	0.
147	93	70.00	90	0.	89	0.	88	0.	87	0.	86	0.
150	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
153	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
156	92	40.00	90	0.	89	0.	88	0.	87	0.	86	0.
159	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
162	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
165	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
168	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
171	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
174	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
177	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
180	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
183	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
186	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
189	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
192	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
195	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
198	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
201	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
204	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
207	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
210	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
213	92	40.00	90	0.	89	0.	88	0.	87	0.	86	0.
216	92	50.00	90	0.	89	0.	88	0.	87	0.	86	0.
219	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
222	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
225	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
228	92	50.00	89	0.	89	0.	88	0.	87	0.	86	0.
231	0	100.00	93	80.00	90	0.	89	0.	88	0.	87	0.
234	0	100.00	91	40.00	89	0.	88	0.	87	0.	86	0.
237	91	50.00	89	0.	88	0.	87	0.	86	0.	85	0.
240	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
243	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
246	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
249	0	100.00	91	0.	90	0.	89	0.	88	0.	87	0.
252	0	100.00	90	0.	90	0.	89	0.	88	0.	87	0.
255	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
258	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
261	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
264	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
267	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
270	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
273	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
276	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
279	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
282	92	40.00	90	0.	89	0.	88	0.	87	0.	86	0.
285	94	90.00	91	0.	90	0.	89	0.	88	0.	87	0.
288	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
291	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
294	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
297	0	100.00	0	100.00	90	0.	89	0.	88	0.	87	0.
300	93	80.00	90	0.	89	0.	88	0.	87	0.	86	0.
303	91	40.00	90	0.	89	0.	88	0.	87	0.	86	0.
306	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.

TABLE 11 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
309	91	20.00	89	0.	89	0.	88	0.	87	0.	86	0.
312	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
315	90	10.00	89	0.	88	0.	87	0.	87	0.	86	0.
318	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
321	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
324	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
327	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
330	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
333	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
336	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
339	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
342	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
345	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
348	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
351	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
354	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
357	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
360	90	10.00	89	0.	88	0.	87	0.	87	0.	86	0.
AVERAGE SHIELDING		29.08		3.67		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		90		89		88		87		86

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8

SHIELDING OF TARGET AT POSITION A
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
2	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
5	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
7	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
10	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
12	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
15	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
18	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
20	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
23	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
25	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
28	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
30	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
33	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
36	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
38	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
41	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
43	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
46	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
48	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
51	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
54	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
56	90	20.00	89	0.	89	0.	88	0.	87	0.	86	0.
59	91	30.00	89	0.	89	0.	88	0.	87	0.	86	0.
61	91	40.00	89	0.	89	0.	88	0.	87	0.	86	0.
64	92	70.00	90	0.	89	0.	88	0.	87	0.	86	0.
66	0	100.00	0	100.00	90	0.	89	0.	88	0.	87	0.
69	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
72	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
74	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
77	92	80.00	90	0.	89	0.	88	0.	87	0.	87	0.
79	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
82	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
84	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
87	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.

TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
90	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
92	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
95	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
97	90	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
100	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
102	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
105	92	30.00	90	0.	89	0.	89	0.	88	0.	87	0.
108	92	30.00	91	0.	90	0.	89	0.	88	0.	87	0.
110	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
113	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
115	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
118	0	100.00	89	0.	89	0.	88	0.	87	0.	86	0.
120	0	100.00	0	100.00	90	0.	89	0.	88	0.	87	0.
123	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
126	0	100.00	89	0.	89	0.	88	0.	87	0.	86	0.
128	0	100.00	90	0.	89	0.	88	0.	87	0.	87	0.
131	0	100.00	90	0.	89	0.	88	0.	87	0.	87	0.
133	0	100.00	90	0.	89	0.	88	0.	87	0.	87	0.
136	92	60.00	90	0.	89	0.	88	0.	87	0.	87	0.
138	91	40.00	90	0.	89	0.	88	0.	87	0.	87	0.
141	91	30.00	90	0.	89	0.	88	0.	87	0.	87	0.
144	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
146	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
149	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
151	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
154	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
156	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
159	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
162	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
164	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
167	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
169	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
172	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
174	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.

TABLE 8" (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
177	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
180	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
182	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
185	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
187	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
190	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
192	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
195	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
198	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
200	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
203	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
205	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
208	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
210	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
213	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
216	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
218	91	30.00	90	0.	89	0.	88	0.	87	0.	87	0.
221	91	40.00	90	0.	89	0.	88	0.	87	0.	87	0.
223	92	50.00	90	0.	89	0.	88	0.	87	0.	87	0.
226	92	80.00	90	0.	89	0.	88	0.	87	0.	87	0.
228	0	100.00	90	0.	89	0.	88	0.	87	0.	87	0.
231	0	100.00	90	0.	89	0.	88	0.	87	0.	87	0.
234	91	40.00	89	0.	89	0.	88	0.	87	0.	86	0.
236	0	100.00	91	40.00	89	0.	89	0.	88	0.	87	0.
239	0	100.00	0	100.00	90	0.	89	0.	88	0.	87	0.
241	0	100.00	89	0.	88	0.	88	0.	87	0.	86	0.
244	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
246	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
249	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
252	0	100.00	91	0.	90	0.	89	0.	88	0.	88	0.
254	92	40.00	90	0.	89	0.	89	0.	88	0.	87	0.
257	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
259	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
262	90	10.00	90	0.	89	0.	88	0.	87	0.	86	0.

TABLE II (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
264	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
267	90	20.00	89	0.	88	0.	87	0.	87	0.	86	0.
270	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
272	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
275	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
277	90	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
280	91	30.00	90	0.	89	0.	88	0.	88	0.	87	0.
282	93	70.00	91	0.	90	0.	89	0.	88	0.	87	0.
285	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
288	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
290	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
293	0	100.00	0	100.00	90	10.00	89	0.	88	0.	88	0.
295	91	50.00	90	0.	89	0.	88	0.	87	0.	86	0.
298	91	40.00	90	0.	89	0.	88	0.	87	0.	86	0.
300	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
303	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
306	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
308	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
311	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
313	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
316	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
318	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
321	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
324	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
326	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
329	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
331	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
334	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
336	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
339	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
342	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
344	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
347	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
349	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.

TABLE II (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
352	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
354	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
357	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
360	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
AVERAGE SHIELDING		23.21		3.14		0.07		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		91 °		90		89		88		87		86

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 5

SHIELDING OF TARGET AT POSITION A

RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
4	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
6	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
9	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
11	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
13	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
15	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
18	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
20	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
22	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
24	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
27	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
29	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
31	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
33	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
36	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
38	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
40	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
42	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
45	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
47	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
49	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
51	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
54	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
56	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
58	90	20.00	89	0.	89	0.	88	0.	87	0.	86	0.
60	90	20.00	89	0.	89	0.	88	0.	87	0.	87	0.
63	90	20.00	89	0.	89	0.	88	0.	87	0.	87	0.
65	91	30.00	89	0.	89	0.	88	0.	87	0.	87	0.
67	0	100.00	90	10.00	89	0.	88	0.	88	0.	87	0.
69	0	100.00	0	100.00	90	20.00	89	0.	88	0.	88	0.
72	0	100.00	90	0.	89	0.	88	0.	87	0.	87	0.
74	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
76	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.

TABLE 8" (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
78	92	60.00	90	0.	89	0.	88	0.	88	0.	87	0.
81	90	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
83	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
85	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
87	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
90	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
92	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
94	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
96	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
99	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
101	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
103	93	90.00	90	0.	89	0.	89	0.	88	0.	87	0.
105	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
108	90	0.	90	0.	89	0.	88	0.	88	0.	87	0.
110	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
112	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
114	0	100.00	90	0.	89	0.	88	0.	87	0.	87	0.
117	0	100.00	0	100.00	90	0.	89	0.	88	0.	87	0.
119	91	60.00	90	0.	89	0.	88	0.	87	0.	87	0.
121	0	100.00	90	0.	89	0.	88	0.	87	0.	87	0.
123	0	100.00	90	0.	89	0.	88	0.	88	0.	87	0.
126	0	100.00	90	0.	89	0.	88	0.	88	0.	87	0.
128	92	80.00	90	0.	89	0.	88	0.	88	0.	87	0.
130	92	60.00	90	0.	89	0.	88	0.	88	0.	87	0.
132	91	40.00	90	0.	89	0.	88	0.	88	0.	87	0.
135	91	30.00	90	0.	89	0.	88	0.	88	0.	87	0.
137	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
139	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
141	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
144	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
146	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
148	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
150	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
153	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.

TABLE II (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
155	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
157	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
159	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
162	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
164	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
166	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
168	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
171	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
173	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
175	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
177	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
180	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
182	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
184	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
186	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
189	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
191	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
193	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
195	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
198	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
200	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
202	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
204	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
207	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
209	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
211	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
213	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
216	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
218	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
220	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
222	91	30.00	90	0.	89	0.	88	0.	88	0.	87	0.
225	91	30.00	90	0.	89	0.	88	0.	88	0.	87	0.
227	91	40.00	90	0.	89	0.	88	0.	88	0.	87	0.
229	91	50.00	90	0.	89	0.	88	0.	88	0.	87	0.

TABLE II (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
231	92	70.00	90	0.	89	0.	88	0.	88	0.	87	0.
234	0	100.00	90	0.	89	0.	88	0.	88	0.	87	0.
236	0	100.00	90	0.	89	0.	88	0.	88	0.	87	0.
238	91	30.00	89	0.	89	0.	88	0.	87	0.	87	0.
240	0	100.00	90	0.	89	0.	88	0.	88	0.	87	0.
243	0	100.00	0	100.00	90	0.	89	0.	88	0.	87	0.
245	0	100.00	89	0.	89	0.	88	0.	87	0.	86	0.
247	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
249	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
252	90	0.	90	0.	89	0.	88	0.	88	0.	87	0.
254	93	80.00	91	0.	90	0.	89	0.	89	0.	88	0.
256	92	70.00	90	0.	89	0.	89	0.	88	0.	87	0.
258	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
261	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
263	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
265	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
267	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
270	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
272	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
274	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
276	90	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
279	91	50.00	90	0.	89	0.	88	0.	88	0.	87	0.
281	92	40.00	90	0.	90	0.	89	0.	88	0.	87	0.
283	90	0.	90	0.	89	0.	88	0.	88	0.	87	0.
285	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
288	0	100.00	90	0.	89	0.	88	0.	87	0.	87	0.
290	0	100.00	0	100.00	91	50.00	89	0.	88	0.	88	0.
292	91	50.00	90	0.	89	0.	88	0.	87	0.	87	0.
294	90	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
297	90	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
299	91	30.00	90	0.	89	0.	88	0.	87	0.	87	0.
301	90	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
303	90	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
306	90	10.00	90	0.	89	0.	88	0.	87	0.	87	0.

TABLE 11 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
308	90	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
310	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
312	90	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
315	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
317	90	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
319	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
321	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
324	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
326	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
328	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
330	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
333	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
335	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
337	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
339	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
342	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
344	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
346	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
348	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
351	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
353	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
355	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
357	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
360	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
AVERAGE SHIELDING		20.44		2.56		0.44		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		89		88		87		87

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE-3

TABLE 12
SHIELDING OF TARGET AT POSITION B
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
18	96	10.00	90	0.	84	0.	79	0.	73	0.	68	0.
36	95	10.00	89	0.	83	0.	78	0.	72	0.	67	0.
54	93	10.00	88	0.	82	0.	76	0.	71	0.	66	0.
72	92	0.	86	0.	80	0.	75	0.	70	0.	65	0.
90	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
108	91	0.	86	0.	80	0.	75	0.	69	0.	64	0.
126	93	10.00	87	0.	81	0.	76	0.	71	0.	66	0.
144	96	20.00	89	0.	83	0.	78	0.	72	0.	67	0.
162	98	20.00	91	0.	85	0.	79	0.	74	0.	69	0.
180	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
198	98	20.00	91	0.	85	0.	79	0.	74	0.	69	0.
216	96	20.00	89	0.	83	0.	78	0.	72	0.	67	0.
234	93	10.00	87	0.	81	0.	76	0.	71	0.	66	0.
252	91	0.	86	0.	80	0.	75	0.	69	0.	64	0.
270	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
288	92	0.	86	0.	80	0.	75	0.	70	0.	65	0.
306	93	10.00	88	0.	82	0.	76	0.	71	0.	66	0.
324	95	10.00	89	0.	83	0.	78	0.	72	0.	67	0.
342	96	10.00	90	0.	84	0.	79	0.	73	0.	68	0.
360	96	10.00	90	0.	85	0.	79	0.	74	0.	68	0.
AVERAGE SHIELDING		8.50		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		94		88		82		77		71		66

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 12

SHIELDING OF TARGET AT POSITION B
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
9	93	0.	90	0.	87	0.	84	0.	81	0.	79	0.
18	93	0.	90	0.	87	0.	85	0.	82	0.	79	0.
27	94	0.	91	0.	88	0.	86	0.	83	0.	80	0.
36	97	30.00	92	0.	90	0.	87	0.	84	0.	81	0.
45	94	10.00	91	0.	88	0.	86	0.	83	0.	80	0.
54	93	10.00	91	0.	88	0.	85	0.	82	0.	79	0.
63	92	10.00	90	0.	87	0.	84	0.	81	0.	78	0.
72	92	20.00	89	0.	86	0.	83	0.	80	0.	77	0.
81	91	0.	88	0.	85	0.	82	0.	79	0.	76	0.
90	90	0.	87	0.	85	0.	82	0.	79	0.	76	0.
99	91	0.	88	0.	85	0.	82	0.	79	0.	76	0.
108	92	20.00	88	0.	86	0.	83	0.	80	0.	77	0.
117	94	30.00	90	0.	87	0.	84	0.	81	0.	78	0.
126	96	30.00	91	0.	88	0.	85	0.	83	0.	80	0.
135	94	10.00	91	0.	88	0.	86	0.	83	0.	80	0.
144	94	10.00	91	0.	89	0.	86	0.	83	0.	80	0.
153	95	10.00	92	0.	89	0.	86	0.	83	0.	81	0.
162	99	50.00	93	0.	90	0.	87	0.	84	0.	82	0.
171	101	70.00	93	0.	90	0.	88	0.	85	0.	82	0.
180	103	90.00	94	0.	91	0.	88	0.	85	0.	82	0.
189	101	70.00	93	0.	90	0.	88	0.	85	0.	82	0.
198	99	50.00	93	0.	90	0.	87	0.	84	0.	82	0.
207	95	10.00	92	0.	89	0.	86	0.	83	0.	81	0.
216	94	10.00	92	0.	89	0.	86	0.	83	0.	80	0.
225	94	10.00	91	0.	89	0.	86	0.	83	0.	80	0.
234	96	30.00	91	0.	88	0.	86	0.	83	0.	80	0.
243	94	30.00	90	0.	87	0.	84	0.	81	0.	79	0.
252	92	20.00	89	0.	86	0.	83	0.	80	0.	77	0.
261	91	0.	88	0.	85	0.	82	0.	79	0.	76	0.
270	90	0.	87	0.	85	0.	82	0.	79	0.	76	0.
279	91	0.	88	0.	85	0.	82	0.	79	0.	76	0.
288	92	20.00	89	0.	86	0.	83	0.	80	0.	77	0.
297	93	10.00	90	0.	87	0.	84	0.	81	0.	78	0.
306	93	10.00	91	0.	88	0.	85	0.	82	0.	79	0.

TABLE 12 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
315	94	10.00	91	0.	88	0.	86	0.	83	0.	80	0.
324	97	30.00	92	0.	90	0.	87	0.	84	0.	81	0.
333	94	0.	91	0.	88	0.	86	0.	83	0.	80	0.
342	93	0.	90	0.	87	0.	85	0.	82	0.	79	0.
351	93	0.	90	0.	87	0.	84	0.	81	0.	79	0.
360	93	0.	90	0.	87	0.	84	0.	81	0.	78	0.
AVERAGE SHIELDING		17.75		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		94		90		88		85		82		79

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8

SHIELDING OF TARGET AT POSITION B

RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
6	97	90.00	90	0.	88	0.	86	0.	84	0.	83	0.
12	97	90.00	90	0.	88	0.	86	0.	85	0.	83	0.
18	0	100.00	93	50.00	89	0.	87	0.	85	0.	84	0.
24	0	100.00	0	100.00	90	0.	88	0.	86	0.	84	0.
30	0	100.00	0	100.00	90	0.	88	0.	86	0.	84	0.
36	0	100.00	89	0.	87	0.	85	0.	84	0.	82	0.
42	90	0.	88	0.	86	0.	84	0.	82	0.	80	0.
48	91	0.	89	0.	88	0.	86	0.	84	0.	82	0.
54	92	0.	91	0.	89	0.	87	0.	85	0.	83	0.
60	94	30.00	91	0.	89	0.	87	0.	85	0.	83	0.
66	92	10.00	90	0.	88	0.	86	0.	85	0.	83	0.
72	92	10.00	90	0.	88	0.	86	0.	84	0.	82	0.
78	91	20.00	89	0.	87	0.	85	0.	83	0.	81	0.
84	90	0.	88	0.	86	0.	84	0.	83	0.	81	0.
90	90	0.	88	0.	86	0.	84	0.	82	0.	80	0.
96	90	0.	88	0.	86	0.	84	0.	82	0.	81	0.
102	91	20.00	89	0.	87	0.	85	0.	83	0.	81	0.
108	93	30.00	90	0.	88	0.	86	0.	84	0.	82	0.
114	93	20.00	91	0.	89	0.	87	0.	85	0.	83	0.
120	93	10.00	91	0.	89	0.	87	0.	85	0.	83	0.
126	94	30.00	91	0.	89	0.	87	0.	85	0.	84	0.
132	99	90.00	92	0.	90	0.	88	0.	87	0.	85	0.
138	96	40.00	93	0.	91	0.	89	0.	87	0.	85	0.
144	92	0.	90	0.	89	0.	87	0.	85	0.	83	0.
150	92	0.	91	0.	89	0.	87	0.	85	0.	83	0.
156	91	0.	89	0.	88	0.	86	0.	84	0.	82	0.
162	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
168	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
174	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
180	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
186	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
192	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
198	91	0.	89	0.	87	0.	85	0.	83	0.	82	0.
204	91	0.	90	0.	88	0.	86	0.	84	0.	82	0.

TABLE 12 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
210	92	0.	91	0.	89	0.	87	0.	85	0.	83	0.
216	92	0.	91	0.	89	0.	87	0.	85	0.	83	0.
222	97	50.00	93	0.	91	0.	89	0.	87	0.	85	0.
228	98	80.00	92	0.	90	0.	88	0.	87	0.	85	0.
234	93	10.00	91	0.	89	0.	87	0.	86	0.	84	0.
240	93	10.00	91	0.	89	0.	87	0.	85	0.	83	0.
246	93	20.00	91	0.	89	0.	87	0.	85	0.	83	0.
252	93	30.00	90	0.	88	0.	86	0.	84	0.	82	0.
258	91	20.00	89	0.	87	0.	85	0.	83	0.	81	0.
264	90	0.	88	0.	86	0.	84	0.	83	0.	81	0.
270	90	0.	88	0.	86	0.	84	0.	82	0.	80	0.
276	90	0.	88	0.	86	0.	84	0.	83	0.	81	0.
282	91	20.00	89	0.	87	0.	85	0.	83	0.	81	0.
288	92	10.00	90	0.	88	0.	86	0.	84	0.	82	0.
294	92	10.00	90	0.	88	0.	86	0.	85	0.	83	0.
300	95	40.00	91	0.	89	0.	87	0.	85	0.	83	0.
306	93	0.	91	0.	89	0.	87	0.	85	0.	83	0.
312	91	0.	90	0.	88	0.	86	0.	84	0.	82	0.
318	90	0.	88	0.	86	0.	84	0.	82	0.	81	0.
324	0	100.00	89	0.	87	0.	85	0.	84	0.	82	0.
330	0	100.00	0	100.00	90	0.	88	0.	86	0.	84	0.
336	0	100.00	0	100.00	90	0.	88	0.	86	0.	84	0.
342	0	100.00	93	50.00	89	0.	87	0.	85	0.	84	0.
348	97	90.00	90	0.	88	0.	86	0.	85	0.	83	0.
354	97	90.00	90	0.	88	0.	86	0.	84	0.	83	0.
360	96	80.00	90	0.	88	0.	86	0.	84	0.	82	0.
AVERAGE SHIELDING		30.83		8.33		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		90		88		86		84		82

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 12
SHIELDING OF TARGET AT POSITION B
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
4	91	20.00	89	0.	88	0.	86	0.	85	0.	84	0.
9	91	10.00	89	0.	88	0.	86	0.	85	0.	84	0.
13	91	0.	89	0.	88	0.	86	0.	85	0.	84	0.
18	91	10.00	89	0.	88	0.	86	0.	85	0.	84	0.
22	91	20.00	89	0.	88	0.	86	0.	85	0.	84	0.
27	91	10.00	89	0.	88	0.	86	0.	85	0.	84	0.
31	92	40.00	89	0.	88	0.	87	0.	85	0.	84	0.
36	92	40.00	89	0.	88	0.	87	0.	85	0.	84	0.
40	93	60.00	90	0.	88	0.	87	0.	85	0.	84	0.
45	0	100.00	0	100.00	90	0.	88	0.	87	0.	85	0.
49	0	100.00	0	100.00	90	20.00	88	0.	87	0.	86	0.
54	0	100.00	89	0.	88	0.	86	0.	85	0.	83	0.
58	90	0.	89	0.	88	0.	86	0.	85	0.	83	0.
63	92	0.	90	0.	89	0.	87	0.	86	0.	84	0.
67	92	10.00	90	0.	89	0.	88	0.	86	0.	85	0.
72	91	0.	90	0.	88	0.	87	0.	86	0.	84	0.
76	91	10.00	90	0.	88	0.	87	0.	85	0.	84	0.
81	91	20.00	89	0.	88	0.	86	0.	85	0.	83	0.
85	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
90	90	0.	88	0.	87	0.	86	0.	84	0.	83	0.
94	90	10.00	89	0.	87	0.	86	0.	84	0.	83	0.
99	91	20.00	89	0.	87	0.	86	0.	85	0.	83	0.
103	92	30.00	90	0.	88	0.	87	0.	85	0.	84	0.
108	92	20.00	90	0.	89	0.	87	0.	86	0.	85	0.
112	92	10.00	90	0.	89	0.	88	0.	86	0.	85	0.
117	93	30.00	91	0.	89	0.	88	0.	87	0.	85	0.
121	96	70.00	92	0.	90	0.	89	0.	87	0.	86	0.
126	92	0.	90	0.	89	0.	88	0.	86	0.	85	0.
130	92	0.	90	0.	89	0.	87	0.	86	0.	85	0.
135	91	0.	89	0.	88	0.	86	0.	85	0.	83	0.
139	90	0.	89	0.	87	0.	86	0.	85	0.	83	0.
144	90	10.00	89	0.	87	0.	86	0.	85	0.	83	0.
148	0	100.00	90	0.	88	0.	87	0.	85	0.	84	0.
153	0	100.00	0	100.00	90	0.	88	0.	87	0.	85	0.

TABLE 12 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
157	0	100.00	94	80.00	89	0.	88	0.	87	0.	85	0.
162	0	100.00	90	0.	89	0.	87	0.	86	0.	85	0.
166	94	80.00	90	0.	88	0.	87	0.	85	0.	84	0.
171	92	30.00	89	0.	88	0.	86	0.	85	0.	84	0.
175	92	40.00	89	0.	88	0.	86	0.	85	0.	84	0.
180	91	20.00	89	0.	88	0.	86	0.	85	0.	83	0.
184	92	40.00	89	0.	88	0.	86	0.	85	0.	84	0.
189	92	30.00	89	0.	88	0.	86	0.	85	0.	84	0.
193	94	80.00	90	0.	88	0.	87	0.	85	0.	84	0.
198	0	100.00	90	0.	89	0.	87	0.	86	0.	85	0.
202	0	100.00	93	70.00	89	0.	88	0.	87	0.	85	0.
207	0	100.00	0	100.00	90	0.	88	0.	87	0.	85	0.
211	0	100.00	90	0.	88	0.	87	0.	85	0.	84	0.
216	90	0.	89	0.	87	0.	86	0.	85	0.	83	0.
220	90	0.	89	0.	87	0.	86	0.	85	0.	83	0.
225	91	0.	89	0.	88	0.	86	0.	85	0.	84	0.
229	92	0.	90	0.	89	0.	87	0.	86	0.	85	0.
234	92	0.	91	0.	89	0.	88	0.	86	0.	85	0.
238	96	70.00	92	0.	90	0.	89	0.	87	0.	86	0.
243	93	20.00	91	0.	89	0.	88	0.	87	0.	85	0.
247	92	10.00	91	0.	89	0.	88	0.	86	0.	85	0.
252	92	20.00	90	0.	89	0.	88	0.	86	0.	85	0.
256	93	40.00	90	0.	88	0.	87	0.	86	0.	84	0.
261	91	20.00	89	0.	88	0.	86	0.	85	0.	83	0.
265	90	10.00	89	0.	87	0.	86	0.	84	0.	83	0.
270	90	0.	88	0.	87	0.	86	0.	84	0.	83	0.
274	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
279	90	10.00	89	0.	88	0.	86	0.	85	0.	83	0.
283	91	10.00	90	0.	88	0.	87	0.	85	0.	84	0.
288	91	10.00	90	0.	89	0.	87	0.	86	0.	84	0.
292	93	40.00	91	0.	89	0.	88	0.	86	0.	85	0.
297	92	0.	90	0.	89	0.	87	0.	86	0.	84	0.
301	91	0.	89	0.	88	0.	86	0.	85	0.	83	0.
306	0	100.00	89	0.	88	0.	86	0.	85	0.	83	0.

AD-A040 173 ARMY ENGINEER WATERWAYS EXPERIMENT STATION VICKSBURG MISS F/G 18/6
ANALYTICAL STUDY OF GROUND-SURFACE SHIELDING CHARACTERISTICS OF--ETC(U)
JUN 74 H W WEST, P L DOIRON, J A PARKS

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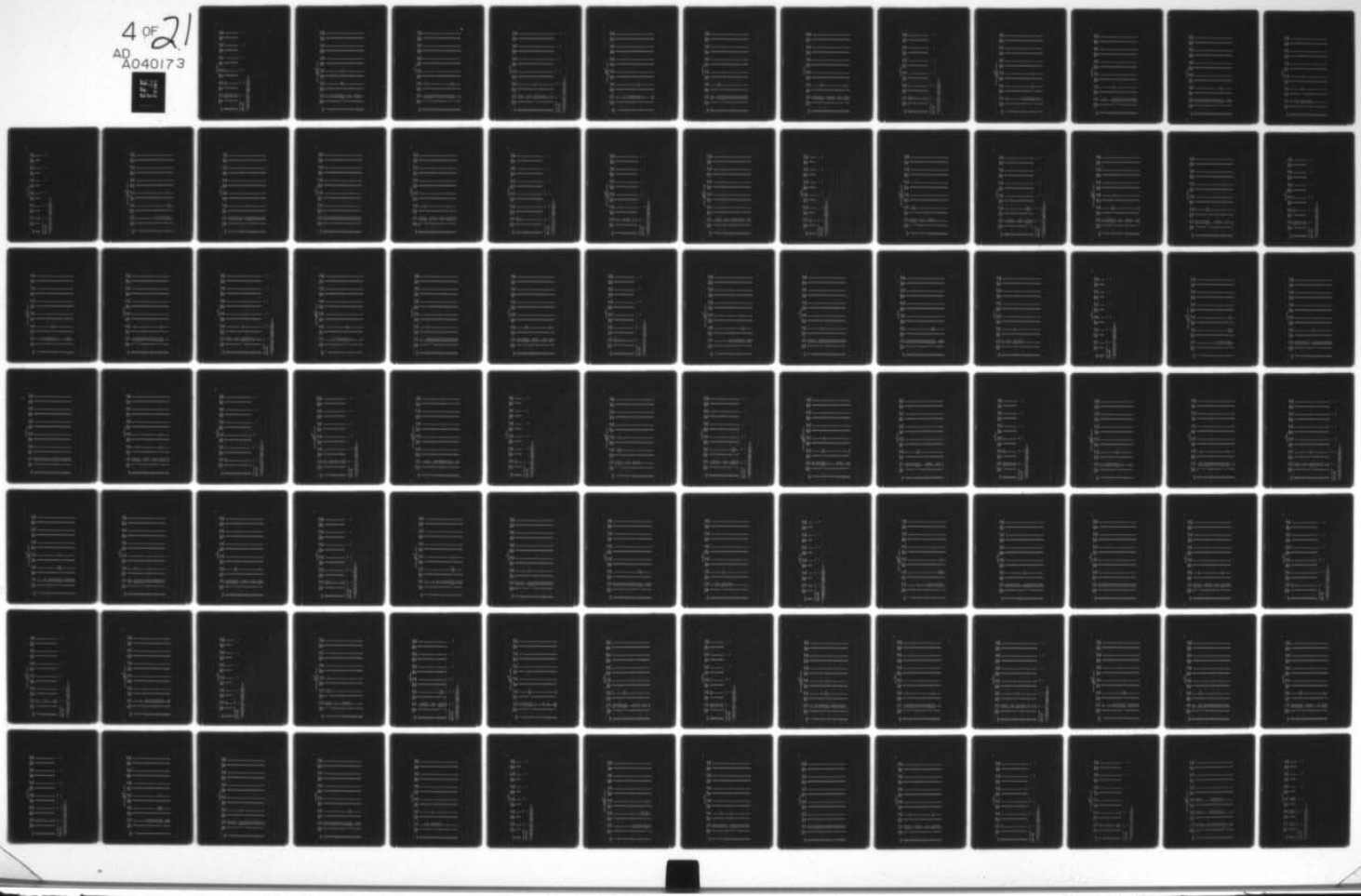

TABLE 12 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
310	0	100.00	0	100.00	90	20.00	89	0,	87	0,	86	0,
315	0	100.00	94	80.00	90	0.	88	0,	87	0,	85	0,
319	93	60.00	90	0.	88	0.	87	0,	85	0,	84	0,
324	92	40.00	90	0.	88	0.	87	0,	85	0,	84	0,
328	92	40.00	89	0.	88	0.	87	0,	85	0,	84	0,
333	91	10.00	89	0.	88	0.	87	0,	85	0,	84	0,
337	91	20.00	89	0.	88	0.	86	0,	85	0,	84	0,
342	91	10.00	89	0.	88	0.	86	0,	85	0,	84	0,
346	91	0.	89	0.	88	0.	86	0,	85	0,	84	0,
351	91	10.00	89	0.	88	0.	86	0,	85	0,	84	0,
355	91	20.00	89	0.	88	0.	86	0,	85	0,	84	0,
360	91	20.00	89	0.	88	0.	86	0,	85	0,	84	0,
AVERAGE SHIELDING		33.25		9.12		0.50		0,		0,		0,
AVERAGE TARGET CONTACT ANGLE		92		90		88		87		85		84

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 12

SHIELDING OF TARGET AT POSITION B
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
3	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
7	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
10	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
14	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
18	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
21	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
25	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
28	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
32	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
36	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
39	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
43	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
46	91	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
50	92	50.00	89	0.	88	0.	87	0.	86	0.	85	0.
54	0	100.00	90	10.00	89	0.	88	0.	87	0.	85	0.
57	0	100.00	0	100.00	90	10.00	89	0.	88	0.	86	0.
61	0	100.00	89	0.	88	0.	87	0.	86	0.	85	0.
64	90	0.	89	0.	88	0.	87	0.	85	0.	84	0.
68	91	0.	90	0.	89	0.	88	0.	86	0.	85	0.
72	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
75	91	0.	90	0.	88	0.	87	0.	86	0.	85	0.
79	91	10.00	90	0.	88	0.	87	0.	86	0.	85	0.
82	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
86	90	0.	89	0.	88	0.	86	0.	83	0.	84	0.
90	90	0.	89	0.	87	0.	86	0.	85	0.	84	0.
93	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
97	90	10.00	89	0.	88	0.	87	0.	86	0.	84	0.
100	91	30.00	90	0.	88	0.	87	0.	86	0.	85	0.
104	92	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
108	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
111	93	40.00	91	0.	89	0.	88	0.	87	0.	86	0.
115	94	60.00	91	0.	90	0.	89	0.	88	0.	87	0.
118	91	0.	90	0.	89	0.	88	0.	87	0.	85	0.
122	91	0.	90	0.	89	0.	88	0.	86	0.	85	0.

TABLE 12 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
126	90	0.	89	0.	88	0.	87	0.	86	0.	84	0.
129	90	0.	89	0.	88	0.	87	0.	85	0.	84	0.
133	0	100.00	90	0.	88	0.	87	0.	86	0.	85	0.
136	0	100.00	0	100.00	90	0.	89	0.	87	0.	86	0.
140	0	100.00	90	0.	89	0.	88	0.	87	0.	85	0.
144	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
147	0	100.00	90	0.	89	0.	87	0.	86	0.	85	0.
151	0	100.00	90	0.	89	0.	88	0.	86	0.	85	0.
154	0	100.00	90	0.	89	0.	88	0.	87	0.	85	0.
158	93	80.00	90	0.	89	0.	88	0.	87	0.	85	0.
162	93	70.00	90	0.	89	0.	88	0.	87	0.	85	0.
165	93	80.00	90	0.	89	0.	88	0.	87	0.	85	0.
169	92	40.00	90	0.	89	0.	88	0.	87	0.	85	0.
172	92	40.00	90	0.	89	0.	88	0.	87	0.	85	0.
176	93	60.00	90	0.	89	0.	88	0.	87	0.	85	0.
180	93	70.00	90	0.	89	0.	88	0.	87	0.	85	0.
183	93	60.00	90	0.	89	0.	88	0.	87	0.	85	0.
187	92	40.00	90	0.	89	0.	88	0.	87	0.	85	0.
190	92	40.00	90	0.	89	0.	88	0.	87	0.	85	0.
194	93	80.00	90	0.	89	0.	88	0.	87	0.	85	0.
198	93	60.00	90	0.	89	0.	88	0.	87	0.	85	0.
201	94	90.00	90	0.	89	0.	88	0.	87	0.	85	0.
205	94	90.00	90	0.	89	0.	88	0.	87	0.	85	0.
208	0	100.00	90	0.	89	0.	88	0.	86	0.	85	0.
212	0	100.00	90	0.	88	0.	87	0.	86	0.	85	0.
216	92	40.00	89	0.	88	0.	87	0.	86	0.	85	0.
219	0	100.00	91	20.00	89	0.	88	0.	87	0.	86	0.
223	0	100.00	0	100.00	90	0.	88	0.	87	0.	86	0.
226	0	100.00	89	0.	88	0.	87	0.	86	0.	85	0.
230	90	0.	89	0.	88	0.	87	0.	85	0.	84	0.
234	90	0.	89	0.	88	0.	87	0.	86	0.	84	0.
237	91	0.	90	0.	89	0.	88	0.	86	0.	85	0.
241	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
244	95	80.00	91	0.	90	0.	89	0.	88	0.	87	0.

TABLE 12 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
248	92	10.00	91	0.	90	0.	88	0.	87	0.	86	0.
252	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
255	92	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
259	92	30.00	90	0.	89	0.	87	0.	86	0.	85	0.
262	90	10.00	89	0.	88	0.	87	0.	86	0.	84	0.
266	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
270	90	0.	89	0.	87	0.	86	0.	85	0.	84	0.
273	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
277	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
280	91	10.00	90	0.	88	0.	87	0.	86	0.	85	0.
284	91	10.00	90	0.	89	0.	88	0.	87	0.	85	0.
288	93	60.00	91	0.	89	0.	88	0.	87	0.	86	0.
291	91	0.	90	0.	89	0.	88	0.	87	0.	85	0.
295	90	0.	89	0.	88	0.	87	0.	86	0.	84	0.
298	0	100.00	89	0.	88	0.	87	0.	86	0.	85	0.
302	0	100.00	0	100.00	90	0.	89	0.	88	0.	86	0.
306	0	100.00	90	0.	89	0.	88	0.	86	0.	85	0.
309	92	50.00	90	0.	88	0.	87	0.	86	0.	85	0.
313	91	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
316	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
320	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
324	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
327	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
331	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
334	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
338	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
342	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
345	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
349	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
352	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
356	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
360	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
AVERAGE SHIELDING		35.90		4.30		0.10		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		90		88		87		86		85

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 7

SHIELDING OF TARGET AT POSITION B

RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
6	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
9	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
12	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
15	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
18	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
21	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
24	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
27	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
30	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
33	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
36	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
39	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
42	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
45	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
48	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
51	91	20.00	89	0.	88	0.	87	0.	86	0.	86	0.
54	91	30.00	89	0.	88	0.	87	0.	87	0.	86	0.
57	91	40.00	89	0.	89	0.	88	0.	87	0.	86	0.
60	93	90.00	90	0.	89	0.	88	0.	87	0.	86	0.
63	0	100.00	0	100.00	90	0.	89	0.	88	0.	87	0.
66	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
69	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
72	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
75	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
78	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
81	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
84	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
87	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
90	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
93	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
96	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
99	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
102	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.

TABLE 12 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
105	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
108	0	100.00	90	0.	89	0.	89	0.	88	0.	87	0.
111	92	30.00	91	0.	90	0.	89	0.	88	0.	87	0.
114	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
117	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
120	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
123	0	100.00	89	0.	88	0.	87	0.	86	0.	85	0.
126	0	100.00	0	100.00	89	0.	88	0.	87	0.	87	0.
129	0	100.00	90	10.00	89	0.	88	0.	87	0.	86	0.
132	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
135	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
138	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
141	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
144	93	90.00	90	0.	89	0.	88	0.	87	0.	86	0.
147	93	70.00	90	0.	89	0.	88	0.	87	0.	86	0.
150	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
153	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
156	92	40.00	90	0.	89	0.	88	0.	87	0.	86	0.
159	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
162	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
165	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
168	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
171	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
174	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
177	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
180	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
183	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
186	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
189	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
192	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
195	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
198	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
201	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
204	92	40.00	90	0.	89	0.	88	0.	87	0.	86	0.

TABLE 12 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
207	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
210	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
213	92	50.00	90	0.	89	0.	88	0.	87	0.	86	0.
216	92	50.00	90	0.	89	0.	88	0.	87	0.	86	0.
219	93	90.00	90	0.	89	0.	88	0.	87	0.	86	0.
222	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
225	91	40.00	90	0.	89	0.	88	0.	87	0.	86	0.
228	92	50.00	89	0.	88	0.	88	0.	87	0.	86	0.
231	0	100.00	92	80.00	89	0.	89	0.	88	0.	87	0.
234	0	100.00	91	40.00	89	0.	88	0.	87	0.	86	0.
237	91	50.00	89	0.	88	0.	87	0.	86	0.	85	0.
240	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
243	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
246	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
249	0	100.00	91	0.	90	0.	89	0.	88	0.	87	0.
252	94	90.00	90	0.	90	0.	89	0.	88	0.	87	0.
255	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
258	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
261	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
264	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
267	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
270	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
273	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
276	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
279	90	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
282	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
285	0	100.00	91	0.	90	0.	89	0.	88	0.	87	0.
288	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
291	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
294	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
297	0	100.00	0	100.00	90	0.	89	0.	88	0.	87	0.
300	93	80.00	90	0.	89	0.	88	0.	87	0.	86	0.
303	91	40.00	89	0.	89	0.	88	0.	87	0.	86	0.
306	91	30.00	89	0.	88	0.	87	0.	87	0.	86	0.

TABLE 12 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
309	91	20.00	89	0.	88	0.	87	0.	86	0.	86	0.
312	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
315	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
318	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
321	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
324	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
327	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
330	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
333	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
336	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
339	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
342	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
345	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
348	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
351	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
354	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
357	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
360	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
AVERAGE SHIELDING		29.33		3.58		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		90		89		88		87		86

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 12

SHIELDING OF TARGET AT POSITION B
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
5	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
7	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
10	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
12	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
15	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
18	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
20	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
23	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
25	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
28	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
30	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
33	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
36	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
38	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
41	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
43	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
46	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
48	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
51	90	20.00	89	0.	88	0.	88	0.	87	0.	86	0.
54	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
56	90	20.00	89	0.	89	0.	88	0.	87	0.	86	0.
59	91	30.00	89	0.	89	0.	88	0.	87	0.	86	0.
61	91	40.00	89	0.	89	0.	88	0.	87	0.	86	0.
64	93	90.00	90	0.	89	0.	88	0.	87	0.	86	0.
66	0	100.00	0	100.00	90	20.00	89	0.	88	0.	87	0.
69	0	100.00	89	0.	89	0.	88	0.	87	0.	86	0.
72	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
74	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
77	92	70.00	90	0.	89	0.	88	0.	87	0.	87	0.
79	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
82	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
84	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
87	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.

TABLE 12 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
90	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
92	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
95	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
97	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
100	90	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
102	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
105	92	50.00	90	0.	89	0.	89	0.	88	0.	87	0.
108	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
110	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
113	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
115	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
118	0	100.00	89	0.	89	0.	88	0.	87	0.	86	0.
120	0	100.00	0	100.00	90	0.	89	0.	88	0.	87	0.
123	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
126	91	50.00	89	0.	89	0.	88	0.	87	0.	86	0.
128	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
131	0	100.00	90	0.	89	0.	88	0.	87	0.	87	0.
133	0	100.00	90	0.	89	0.	88	0.	87	0.	87	0.
136	92	70.00	90	0.	89	0.	88	0.	87	0.	87	0.
138	92	50.00	90	0.	89	0.	88	0.	87	0.	87	0.
141	91	40.00	90	0.	89	0.	88	0.	87	0.	87	0.
144	91	30.00	90	0.	89	0.	88	0.	87	0.	87	0.
146	91	30.00	90	0.	89	0.	88	0.	87	0.	87	0.
149	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
151	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
154	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
156	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
159	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
162	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
164	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
167	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
169	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
172	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
174	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.

TABLE 12 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
177	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
180	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
182	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
185	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
187	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
190	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
192	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
195	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
198	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
200	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
203	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
205	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
208	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
210	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
213	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
216	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
218	91	30.00	90	0.	89	0.	88	0.	87	0.	87	0.
221	91	30.00	90	0.	89	0.	88	0.	87	0.	87	0.
223	91	40.00	90	0.	89	0.	88	0.	87	0.	87	0.
226	92	50.00	90	0.	89	0.	88	0.	87	0.	87	0.
228	0	100.00	90	0.	89	0.	88	0.	87	0.	87	0.
231	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
234	91	40.00	89	0.	89	0.	88	0.	87	0.	86	0.
236	0	100.00	91	40.00	89	0.	88	0.	88	0.	87	0.
239	0	100.00	0	100.00	90	0.	89	0.	88	0.	87	0.
241	0	100.00	89	0.	88	0.	88	0.	87	0.	86	0.
244	90	.0.	89	0.	88	0.	87	0.	87	0.	86	0.
246	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
249	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
252	94	90.00	91	0.	90	0.	89	0.	88	0.	88	0.
254	91	20.00	90	0.	89	0.	89	0.	88	0.	87	0.
257	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
259	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
262	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.

TABLE 12 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
264	90	20.00	89	0.	88	0.	88	0.	87	0.	86	0.
267	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
270	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
272	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
275	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
277	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
280	92	60.00	90	0.	89	0.	88	0.	87	0.	87	0.
282	93	90.00	90	0.	90	0.	89	0.	88	0.	87	0.
285	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
288	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
290	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
293	0	100.00	0	100.00	90	10.00	89	0.	88	0.	87	0.
295	92	70.00	90	0.	89	0.	88	0.	87	0.	86	0.
298	91	40.00	90	0.	89	0.	88	0.	87	0.	86	0.
300	91	30.00	89	0.	89	0.	88	0.	87	0.	86	0.
303	91	20.00	89	0.	89	0.	88	0.	87	0.	86	0.
306	90	20.00	89	0.	89	0.	88	0.	87	0.	86	0.
308	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
311	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
313	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
316	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
318	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
321	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
324	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
326	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
329	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
331	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
334	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
336	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
339	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
342	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
344	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
347	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
349	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.

TABLE 12 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
352	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
354	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
357	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
360	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
AVERAGE SHIELDING		23.93		3.14		0.21		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		90		89		88		87		86

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 12

SHIELDING OF TARGET AT POSITION B
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
4	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
6	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
9	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
11	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
13	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
15	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
18	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
20	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
22	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
24	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
27	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
29	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
31	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
33	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
36	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
38	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
40	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
42	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
45	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
47	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
49	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
51	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
54	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
56	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
58	90	20.00	89	0.	89	0.	88	0.	87	0.	86	0.
60	90	20.00	89	0.	89	0.	88	0.	87	0.	86	0.
63	90	20.00	89	0.	89	0.	88	0.	87	0.	86	0.
65	91	30.00	89	0.	89	0.	88	0.	87	0.	87	0.
67	92	80.00	90	0.	89	0.	88	0.	87	0.	87	0.
69	0	100.00	0	100.00	91	70.00	89	0.	88	0.	88	0.
72	0	100.00	90	40.00	89	0.	88	0.	87	0.	87	0.
74	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
76	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.

TABLE ~~8~~ 12 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
78	92	60.00	90	0.	89	0.	88	0.	88	0.	87	0.
81	92	70.00	90	0.	89	0.	88	0.	87	0.	87	0.
83	91	60.00	89	0.	89	0.	88	0.	87	0.	86	0.
85	90	30.00	89	0.	88	0.	88	0.	87	0.	86	0.
87	90	40.00	89	0.	88	0.	87	0.	87	0.	86	0.
90	90	50.00	89	0.	88	0.	87	0.	87	0.	86	0.
92	90	50.00	89	0.	88	0.	87	0.	87	0.	86	0.
94	90	30.00	89	0.	88	0.	88	0.	87	0.	86	0.
96	91	70.00	89	0.	89	0.	88	0.	87	0.	87	0.
99	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
101	91	30.00	90	0.	89	0.	88	0.	88	0.	87	0.
103	0	100.00	90	0.	89	0.	89	0.	88	0.	87	0.
105	91	10.00	90	0.	90	0.	89	0.	88	0.	87	0.
108	90	0.	90	0.	89	0.	88	0.	88	0.	87	0.
110	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
112	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
114	0	100.00	90	0.	89	0.	88	0.	87	0.	87	0.
117	0	100.00	92	90.00	89	0.	89	0.	88	0.	87	0.
119	90	20.00	89	0.	89	0.	88	0.	87	0.	86	0.
121	0	100.00	89	0.	89	0.	88	0.	87	0.	87	0.
123	0	100.00	90	0.	89	0.	88	0.	88	0.	87	0.
126	92	60.00	90	0.	89	0.	88	0.	88	0.	87	0.
128	92	80.00	90	0.	89	0.	88	0.	88	0.	87	0.
130	92	60.00	90	0.	89	0.	88	0.	88	0.	87	0.
132	91	40.00	90	0.	89	0.	88	0.	88	0.	87	0.
135	91	30.00	90	0.	89	0.	88	0.	88	0.	87	0.
137	91	30.00	90	0.	89	0.	88	0.	88	0.	87	0.
139	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
141	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
144	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
146	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
148	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
150	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
153	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.

TABLE 12 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
155	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
157	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
159	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
162	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
164	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
166	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
168	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
171	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
173	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
175	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
177	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
180	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
182	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
184	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
186	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
189	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
191	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
193	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
195	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
198	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
200	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
202	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
204	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
207	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
209	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
211	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
213	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
216	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
218	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
220	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
222	91	30.00	90	0.	89	0.	88	0.	88	0.	87	0.
225	91	30.00	90	0.	89	0.	88	0.	88	0.	87	0.
227	91	30.00	90	0.	89	0.	88	0.	88	0.	87	0.
229	91	40.00	90	0.	89	0.	88	0.	88	0.	87	0.

TABLE 12 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
231	92	60.00	90	0.	89	0.	88	0.	88	0.	87	0.
234	0	100.00	90	0.	89	0.	88	0.	88	0.	87	0.
236	0	100.00	90	0.	89	0.	88	0.	88	0.	87	0.
238	91	30.00	89	0.	89	0.	88	0.	87	0.	87	0.
240	0	100.00	90	0.	89	0.	88	0.	88	0.	87	0.
243	0	100.00	0	100.00	90	0.	89	0.	88	0.	87	0.
245	0	100.00	89	0.	89	0.	88	0.	87	0.	86	0.
247	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
249	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
252	90	0.	90	0.	89	0.	88	0.	88	0.	87	0.
254	93	80.00	91	0.	90	0.	89	0.	89	0.	88	0.
256	93	90.00	90	0.	89	0.	89	0.	88	0.	87	0.
258	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
261	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
263	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
265	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
267	90	20.00	89	0.	88	0.	88	0.	87	0.	86	0.
270	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
272	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
274	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
276	90	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
279	91	50.00	90	0.	89	0.	88	0.	88	0.	87	0.
281	92	50.00	90	0.	90	0.	89	0.	88	0.	87	0.
283	90	0.	90	0.	89	0.	88	0.	88	0.	87	0.
285	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
288	0	100.00	90	0.	89	0.	88	0.	87	0.	87	0.
290	0	100.00	0	100.00	90	10.00	89	0.	88	0.	88	0.
292	91	60.00	90	0.	89	0.	88	0.	87	0.	87	0.
294	91	40.00	90	0.	89	0.	88	0.	87	0.	87	0.
297	91	30.00	90	0.	89	0.	88	0.	87	0.	87	0.
299	91	30.00	90	0.	89	0.	88	0.	87	0.	87	0.
301	91	30.00	90	0.	89	0.	88	0.	87	0.	87	0.
303	90	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
306	90	10.00	89	0.	89	0.	88	0.	87	0.	87	0.

TABLE 12 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
308	90	10.00	89	0.	89	0.	88	0.	87	0.	87	0.
310	90	10.00	89	0.	89	0.	88	0.	87	0.	87	0.
312	90	10.00	89	0.	89	0.	88	0.	87	0.	87	0.
315	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
317	90	10.00	89	0.	89	0.	88	0.	87	0.	87	0.
319	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
321	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
324	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
326	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
328	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
330	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
333	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
335	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
337	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
339	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
342	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
344	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
346	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
348	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
351	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
353	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
355	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
357	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
360	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
AVERAGE SHIELDING		23.50		2.69		0.50		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		89		88		87		87

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 8

SHIELDING OF TARGET AT POSITION C

RANGE 10 M

SITE-3

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
18	96	10.00	90	0.	85	0.	79	0.	74	0.	68	0.
36	95	0.	89	0.	84	0.	78	0.	73	0.	67	0.
54	94	10.00	88	0.	82	0.	77	0.	71	0.	66	0.
72	92	0.	86	0.	80	0.	75	0.	70	0.	65	0.
90	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
108	92	0.	86	0.	80	0.	75	0.	70	0.	65	0.
126	93	0.	87	0.	82	0.	76	0.	71	0.	66	0.
144	95	10.00	89	0.	84	0.	78	0.	73	0.	67	0.
162	98	20.00	91	0.	85	0.	79	0.	74	0.	69	0.
180	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
198	98	20.00	91	0.	85	0.	79	0.	74	0.	69	0.
216	95	10.00	89	0.	84	0.	78	0.	73	0.	68	0.
234	93	10.00	87	0.	82	0.	76	0.	71	0.	66	0.
252	92	0.	86	0.	81	0.	75	0.	70	0.	65	0.
270	92	0.	86	0.	80	0.	75	0.	69	0.	65	0.
288	92	0.	86	0.	81	0.	75	0.	70	0.	65	0.
306	94	10.00	89	0.	82	0.	77	0.	71	0.	66	0.
324	95	0.	89	0.	84	0.	78	0.	73	0.	68	0.
342	96	0.	90	0.	85	0.	79	0.	74	0.	68	0.
360	96	10.00	91	0.	85	0.	79	0.	74	0.	69	0.
AVERAGE SHIELDING		5.50		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		94		88		82		77		72		67

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8
SHIELDING OF TARGET AT POSITION C
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
9	93	0.	90	0.	87	0.	84	0.	82	0.	79	0.
18	93	0.	90	0.	88	0.	85	0.	82	0.	79	0.
27	94	0.	91	0.	89	0.	86	0.	83	0.	80	0.
36	96	20.00	92	0.	90	0.	87	0.	84	0.	81	0.
45	94	10.00	91	0.	89	0.	86	0.	83	0.	80	0.
54	94	10.00	91	0.	88	0.	85	0.	82	0.	79	0.
63	93	10.00	90	0.	87	0.	84	0.	81	0.	78	0.
72	92	20.00	89	0.	86	0.	83	0.	80	0.	77	0.
81	91	0.	88	0.	85	0.	82	0.	79	0.	76	0.
90	90	0.	87	0.	85	0.	82	0.	79	0.	76	0.
99	90	0.	88	0.	85	0.	82	0.	79	0.	76	0.
108	92	20.00	88	0.	86	0.	83	0.	80	0.	77	0.
117	94	30.00	90	0.	87	0.	84	0.	81	0.	79	0.
126	96	30.00	91	0.	88	0.	86	0.	83	0.	80	0.
135	94	10.00	91	0.	89	0.	86	0.	83	0.	80	0.
144	94	0.	92	0.	89	0.	86	0.	83	0.	80	0.
153	95	0.	92	0.	89	0.	86	0.	84	0.	81	0.
162	99	50.00	93	0.	90	0.	87	0.	84	0.	82	0.
171	101	70.00	93	0.	91	0.	88	0.	85	0.	82	0.
180	103	90.00	94	0.	91	0.	88	0.	85	0.	82	0.
189	101	70.00	93	0.	91	0.	88	0.	85	0.	82	0.
198	99	50.00	93	0.	90	0.	87	0.	84	0.	82	0.
207	95	10.00	92	0.	89	0.	86	0.	84	0.	81	0.
216	94	10.00	92	0.	89	0.	86	0.	83	0.	80	0.
225	94	10.00	92	0.	89	0.	86	0.	83	0.	80	0.
234	96	30.00	91	0.	89	0.	86	0.	83	0.	80	0.
243	95	30.00	90	0.	87	0.	84	0.	81	0.	79	0.
252	92	20.00	89	0.	86	0.	83	0.	80	0.	77	0.
261	91	0.	88	0.	85	0.	82	0.	79	0.	76	0.
270	90	0.	87	0.	85	0.	82	0.	79	0.	76	0.
279	91	0.	88	0.	85	0.	82	0.	79	0.	77	0.
288	93	20.00	89	0.	86	0.	83	0.	80	0.	78	0.
297	93	10.00	90	0.	87	0.	84	0.	81	0.	78	0.
306	94	10.00	91	0.	88	0.	85	0.	82	0.	79	0.

TABLE 13 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
315	94	10.00	91	0.	89	0.	86	0.	83	0.	80	0.
324	97	30.00	93	0.	90	0.	87	0.	84	0.	81	0.
333	94	0.	91	0.	89	0.	86	0.	83	0.	80	0.
342	93	0.	91	0.	88	0.	85	0.	82	0.	79	0.
351	93	0.	90	0.	87	0.	84	0.	82	0.	79	0.
360	93	0.	90	0.	87	0.	84	0.	81	0.	79	0.
AVERAGE SHIELDING		17.00		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		94		91		88		85		82		79

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 13

SHIELDING OF TARGET AT POSITION C
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
6	97	90.00	90	0.	88	0.	86	0.	84	0.	83	0.
12	97	90.00	90	0.	88	0.	87	0.	85	0.	83	0.
18	0	100.00	94	60.00	89	0.	88	0.	86	0.	84	0.
24	0	100.00	0	100.00	90	0.	88	0.	86	0.	84	0.
30	0	100.00	0	100.00	90	0.	88	0.	86	0.	84	0.
36	0	100.00	89	0.	87	0.	86	0.	84	0.	82	0.
42	90	0.	88	0.	86	0.	84	0.	82	0.	80	0.
48	91	0.	90	0.	88	0.	86	0.	84	0.	82	0.
54	92	0.	91	0.	89	0.	87	0.	85	0.	83	0.
60	93	10.00	91	0.	89	0.	87	0.	85	0.	83	0.
66	92	0.	90	0.	88	0.	86	0.	84	0.	83	0.
72	92	10.00	90	0.	88	0.	86	0.	84	0.	82	0.
78	91	20.00	89	0.	87	0.	85	0.	83	0.	81	0.
84	90	0.	88	0.	86	0.	84	0.	83	0.	81	0.
90	90	0.	88	0.	86	0.	84	0.	82	0.	81	0.
96	90	0.	88	0.	86	0.	84	0.	83	0.	81	0.
102	91	20.00	89	0.	87	0.	85	0.	83	0.	81	0.
108	93	30.00	90	0.	88	0.	86	0.	84	0.	82	0.
114	93	20.00	91	0.	89	0.	87	0.	85	0.	83	0.
120	93	10.00	91	0.	89	0.	87	0.	85	0.	83	0.
126	94	30.00	91	0.	89	0.	87	0.	86	0.	84	0.
132	99	90.00	92	0.	90	0.	89	0.	87	0.	85	0.
138	96	40.00	93	0.	91	0.	89	0.	87	0.	85	0.
144	92	0.	91	0.	89	0.	87	0.	85	0.	83	0.
150	92	0.	91	0.	89	0.	87	0.	85	0.	83	0.
156	91	0.	90	0.	88	0.	86	0.	84	0.	82	0.
162	91	0.	89	0.	87	0.	85	0.	83	0.	82	0.
168	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
174	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
180	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
186	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
192	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
198	91	0.	89	0.	87	0.	85	0.	83	0.	82	0.
204	92	0.	90	0.	88	0.	86	0.	84	0.	82	0.

TABLE 13 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
210	93	0.	91	0.	89	0.	87	0.	85	0.	83	0.
216	93	0.	91	0.	89	0.	87	0.	85	0.	83	0.
222	96	40.00	93	0.	91	0.	89	0.	87	0.	85	0.
228	99	90.00	92	0.	90	0.	89	0.	87	0.	85	0.
234	93	10.00	91	0.	89	0.	88	0.	86	0.	84	0.
240	93	10.00	91	0.	89	0.	87	0.	85	0.	83	0.
246	93	20.00	91	0.	89	0.	87	0.	85	0.	83	0.
252	93	30.00	90	0.	88	0.	86	0.	84	0.	82	0.
258	91	20.00	89	0.	87	0.	85	0.	83	0.	81	0.
264	90	0.	88	0.	86	0.	85	0.	83	0.	81	0.
270	90	0.	88	0.	86	0.	84	0.	83	0.	81	0.
276	90	0.	88	0.	87	0.	85	0.	83	0.	81	0.
282	91	10.00	89	0.	87	0.	85	0.	83	0.	81	0.
288	92	10.00	90	0.	88	0.	86	0.	84	0.	82	0.
294	92	10.00	90	0.	89	0.	87	0.	85	0.	83	0.
300	95	40.00	91	0.	89	0.	87	0.	85	0.	84	0.
306	93	0.	91	0.	89	0.	87	0.	85	0.	83	0.
312	92	0.	90	0.	88	0.	86	0.	84	0.	82	0.
318	90	0.	88	0.	86	0.	84	0.	83	0.	81	0.
324	0	100.00	89	0.	87	0.	86	0.	84	0.	82	0.
330	0	100.00	0	100.00	90	0.	88	0.	86	0.	84	0.
336	0	100.00	0	100.00	90	0.	88	0.	86	0.	84	0.
342	0	100.00	94	50.00	89	0.	87	0.	86	0.	84	0.
348	97	90.00	90	0.	88	0.	87	0.	85	0.	83	0.
354	97	90.00	90	0.	88	0.	86	0.	84	0.	83	0.
360	96	80.00	90	0.	88	0.	86	0.	84	0.	82	0.
AVERAGE SHIELDING		30.17		8.50		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		90		88		86		84		82

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 13
SHIELDING OF TARGET AT POSITION C
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
4	91	20.00	89	0.	88	0.	86	0.	85	0.	84	0.
9	91	10.00	89	0.	88	0.	86	0.	85	0.	84	0.
13	91	0.	89	0.	88	0.	86	0.	85	0.	84	0.
18	91	10.00	89	0.	88	0.	86	0.	85	0.	84	0.
22	91	20.00	89	0.	88	0.	87	0.	85	0.	84	0.
27	91	10.00	89	0.	88	0.	87	0.	85	0.	84	0.
31	92	40.00	89	0.	88	0.	87	0.	85	0.	84	0.
36	92	40.00	90	0.	88	0.	87	0.	85	0.	84	0.
40	93	60.00	90	0.	88	0.	87	0.	85	0.	84	0.
45	0	100.00	0	100.00	90	0.	88	0.	87	0.	86	0.
49	0	100.00	0	100.00	90	20.00	89	0.	87	0.	86	0.
54	0	100.00	89	0.	88	0.	86	0.	85	0.	83	0.
58	90	0.	89	0.	88	0.	86	0.	85	0.	83	0.
63	92	0.	90	0.	89	0.	87	0.	86	0.	84	0.
67	95	90.00	90	0.	89	0.	88	0.	86	0.	85	0.
72	91	0.	90	0.	88	0.	87	0.	85	0.	84	0.
76	91	10.00	90	0.	88	0.	87	0.	85	0.	84	0.
81	91	10.00	89	0.	88	0.	86	0.	85	0.	83	0.
85	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
90	90	0.	88	0.	87	0.	86	0.	84	0.	83	0.
94	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
99	91	20.00	89	0.	88	0.	86	0.	85	0.	83	0.
103	92	30.00	90	0.	88	0.	87	0.	85	0.	84	0.
108	92	20.00	90	0.	89	0.	88	0.	86	0.	85	0.
112	92	10.00	90	0.	89	0.	88	0.	86	0.	85	0.
117	93	30.00	91	0.	89	0.	88	0.	87	0.	85	0.
121	96	70.00	92	0.	90	0.	89	0.	87	0.	86	0.
126	92	0.	91	0.	89	0.	88	0.	86	0.	85	0.
130	92	0.	90	0.	89	0.	87	0.	86	0.	85	0.
135	91	0.	89	0.	88	0.	86	0.	85	0.	84	0.
139	90	0.	89	0.	87	0.	86	0.	85	0.	83	0.
144	90	10.00	89	0.	87	0.	86	0.	85	0.	83	0.
148	0	100.00	90	0.	88	0.	87	0.	86	0.	84	0.
153	0	100.00	0	100.00	90	0.	88	0.	87	0.	86	0.

TABLE 13 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
157	0	100.00	94	80.00	89	0.	88	0.	87	0.	85	0.
162	0	100.00	90	0.	89	0.	87	0.	86	0.	85	0.
166	94	80.00	90	0.	88	0.	87	0.	86	0.	84	0.
171	92	30.00	89	0.	88	0.	86	0.	85	0.	84	0.
175	92	40.00	89	0.	88	0.	86	0.	85	0.	84	0.
180	90	10.00	89	0.	88	0.	86	0.	85	0.	83	0.
184	92	40.00	89	0.	88	0.	87	0.	85	0.	84	0.
189	92	30.00	89	0.	88	0.	86	0.	85	0.	84	0.
193	94	80.00	90	0.	88	0.	87	0.	86	0.	84	0.
198	0	100.00	90	0.	89	0.	88	0.	86	0.	85	0.
202	0	100.00	94	70.00	90	0.	88	0.	87	0.	85	0.
207	0	100.00	0	100.00	90	0.	88	0.	87	0.	86	0.
211	0	100.00	90	0.	88	0.	87	0.	86	0.	84	0.
216	90	0.	89	0.	87	0.	86	0.	85	0.	83	0.
220	90	0.	89	0.	87	0.	86	0.	85	0.	83	0.
225	91	0.	89	0.	88	0.	86	0.	85	0.	84	0.
229	92	0.	90	0.	89	0.	88	0.	86	0.	85	0.
234	92	0.	91	0.	89	0.	88	0.	86	0.	85	0.
238	96	70.00	92	0.	90	0.	89	0.	88	0.	86	0.
243	92	10.00	91	0.	90	0.	88	0.	87	0.	85	0.
247	92	10.00	91	0.	89	0.	88	0.	86	0.	85	0.
252	92	20.00	90	0.	89	0.	88	0.	86	0.	85	0.
256	93	40.00	90	0.	88	0.	87	0.	86	0.	84	0.
261	91	20.00	89	0.	88	0.	86	0.	85	0.	83	0.
265	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
270	90	0.	88	0.	87	0.	86	0.	84	0.	83	0.
274	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
279	91	10.00	89	0.	88	0.	86	0.	85	0.	83	0.
283	91	10.00	90	0.	88	0.	87	0.	85	0.	84	0.
288	92	0.	90	0.	89	0.	87	0.	86	0.	84	0.
292	94	40.00	91	0.	89	0.	88	0.	87	0.	85	0.
297	92	0.	90	0.	89	0.	87	0.	86	0.	85	0.
301	91	0.	89	0.	88	0.	86	0.	85	0.	83	0.
306	0	100.00	89	0.	88	0.	86	0.	85	0.	83	0.

TABLE 13 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
310	0	100.00	0	100.00	91	20.00	89	0.	87	0.	86	0.
315	0	100.00	94	80.00	90	0.	88	0.	87	0.	85	0.
319	93	60.00	90	0.	88	0.	87	0.	85	0.	84	0.
324	92	40.00	90	0.	88	0.	87	0.	85	0.	84	0.
328	92	40.00	90	0.	88	0	87	0.	85	0.	84	0.
333	91	10.00	89	0.	88	0.	87	0.	85	0.	84	0.
337	91	20.00	89	0.	88	0.	87	0.	85	0.	84	0.
342	91	10.00	89	0.	88	0.	87	0.	85	0.	84	0.
346	91	0.	89	0.	88	0.	87	0.	85	0.	84	0.
351	91	10.00	89	0.	88	0.	86	0.	85	0.	84	0.
355	91	20.00	89	0.	88	0.	86	0.	85	0.	84	0.
360	91	20.00	89	0.	88	0.	86	0.	85	0.	84	0.
AVERAGE SHIELDING		33.50		9.12		0.50		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		90		88		87		85		84

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 13

SHIELDING OF TARGET AT POSITION C
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
3	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
7	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
10	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
14	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
18	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
21	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
25	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
28	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
32	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
36	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
39	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
43	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
46	91	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
50	92	50.00	90	0.	88	0.	87	0.	86	0.	85	0.
54	0	100.00	90	10.00	89	0.	88	0.	87	0.	85	0.
57	0	100.00	0	100.00	90	0.	89	0.	88	0.	86	0.
61	0	100.00	89	0.	88	0.	87	0.	86	0.	85	0.
64	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
68	91	0.	90	0.	89	0.	88	0.	86	0.	85	0.
72	94	80.00	90	0.	89	0.	88	0.	87	0.	85	0.
75	91	0.	90	0.	88	0.	87	0.	86	0.	85	0.
79	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
82	90	0.	89	0.	88	0.	87	0.	85	0.	84	0.
86	90	0.	89	0.	87	0.	86	0.	85	0.	84	0.
90	90	0.	88	0.	87	0.	86	0.	85	0.	84	0.
93	90	0.	89	0.	87	0.	86	0.	85	0.	84	0.
97	90	0.	89	0.	88	0.	87	0.	85	0.	84	0.
100	91	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
104	91	10.00	90	0.	89	0.	88	0.	87	0.	85	0.
108	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
111	92	10.00	91	0.	89	0.	88	0.	87	0.	86	0.
115	93	30.00	91	0.	90	0.	89	0.	88	0.	87	0.
118	91	0.	90	0.	89	0.	88	0.	87	0.	85	0.
122	91	0.	90	0.	89	0.	88	0.	86	0.	85	0.

TABLE 13 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
126	90	0.	89	0.	88	0.	87	0.	86	0.	84	0.
129	90	0.	89	0.	88	0.	87	0.	86	0.	84	0.
133	0	100.00	90	0.	89	0.	88	0.	86	0.	85	0.
136	0	100.00	0	100.00	90	0.	89	0.	87	0.	86	0.
140	0	100.00	90	0.	89	0.	88	0.	87	0.	85	0.
144	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
147	0	100.00	90	0.	89	0.	88	0.	86	0.	85	0.
151	0	100.00	90	0.	89	0.	88	0.	87	0.	85	0.
154	0	100.00	90	0.	89	0.	88	0.	87	0.	85	0.
158	94	90.00	90	0.	89	0.	88	0.	87	0.	85	0.
162	93	70.00	90	0.	89	0.	88	0.	87	0.	85	0.
165	93	70.00	90	0.	89	0.	88	0.	87	0.	85	0.
169	92	40.00	90	0.	89	0.	88	0.	87	0.	85	0.
172	92	40.00	90	0.	89	0.	88	0.	87	0.	85	0.
176	93	60.00	90	0.	89	0.	88	0.	87	0.	85	0.
180	94	80.00	90	0.	89	0.	88	0.	87	0.	85	0.
183	93	60.00	90	0.	89	0.	88	0.	87	0.	85	0.
187	92	40.00	90	0.	89	0.	88	0.	87	0.	85	0.
190	92	40.00	90	0.	89	0.	88	0.	87	0.	85	0.
194	93	70.00	90	0.	89	0.	88	0.	87	0.	85	0.
198	93	70.00	90	0.	89	0.	88	0.	87	0.	85	0.
201	94	80.00	90	0.	89	0.	88	0.	87	0.	85	0.
205	0	100.00	90	0.	89	0.	88	0.	87	0.	85	0.
208	0	100.00	90	0.	89	0.	88	0.	87	0.	85	0.
212	0	100.00	90	0.	89	0.	87	0.	86	0.	85	0.
216	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
219	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
223	0	100.00	0	100.00	90	0.	89	0.	87	0.	86	0.
226	0	100.00	89	0.	88	0.	87	0.	86	0.	85	0.
230	90	0.	89	0.	88	0.	87	0.	86	0.	84	0.
234	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
237	91	0.	90	0.	89	0.	88	0.	86	0.	85	0.
241	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
244	95	80.00	91	0.	90	0.	89	0.	88	0.	87	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
248	92	10.00	91	0.	90	0.	88	0.	87	0.	86	0.
252	92	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
255	92	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
259	92	30.00	90	0.	89	0.	88	0.	86	0.	85	0.
262	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
266	90	0.	89	0.	88	0.	87	0.	85	0.	84	0.
270	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
273	90	0.	89	0.	88	0.	87	0.	85	0.	84	0.
277	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
280	91	10.00	90	0.	88	0.	87	0.	86	0.	85	0.
284	91	10.00	90	0.	89	0.	88	0.	87	0.	85	0.
288	93	60.00	91	0.	89	0.	88	0.	87	0.	86	0.
291	91	0.	90	0.	89	0.	88	0.	87	0.	85	0.
295	90	0.	89	0.	88	0.	87	0.	86	0.	84	0.
298	0	100.00	89	0.	88	0.	87	0.	86	0.	85	0.
302	0	100.00	0	100.00	90	0.	89	0.	88	0.	87	0.
306	0	100.00	90	0.	89	0.	88	0.	87	0.	85	0.
309	92	50.00	90	0.	88	0.	87	0.	86	0.	85	0.
313	91	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
316	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
320	91	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
324	91	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
327	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
331	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
334	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
338	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
342	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
345	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
349	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
352	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
356	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
360	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
AVERAGE SHIELDING		34.00		4.10		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		90		89		87		86		85

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 13

SHIELDING OF TARGET AT POSITION C
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARSET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
6	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
9	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
12	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
15	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
18	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
21	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
24	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
27	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
30	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
33	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
36	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
39	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
42	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
45	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
48	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
51	91	20.00	89	0.	88	0.	87	0.	86	0.	86	0.
54	91	30.00	89	0.	88	0.	87	0.	87	0.	86	0.
57	91	40.00	89	0.	89	0.	88	0.	87	0.	86	0.
60	0	100.00	91	30.00	89	0.	88	0.	87	0.	86	0.
63	0	100.00	0	100.00	90	0.	89	0.	88	0.	87	0.
66	0	100.00	89	0.	89	0.	88	0.	87	0.	86	0.
69	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
72	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
75	93	70.00	90	0.	89	0.	88	0.	87	0.	86	0.
78	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
81	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
84	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
87	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
90	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
93	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
96	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
99	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
102	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.

TABLE 13 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
105	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
108	0	100.00	90	0.	89	0.	88	0.	87	0.	87	0.
111	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
114	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
117	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
120	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
123	0	100.00	89	0.	88	0.	87	0.	86	0.	85	0.
126	0	100.00	92	80.00	89	0.	88	0.	87	0.	87	0.
129	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
132	91	20.00	89	0.	88	0.	87	0.	86	0.	86	0.
135	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
138	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
141	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
144	93	90.00	90	0.	89	0.	88	0.	87	0.	86	0.
147	93	90.00	90	0.	89	0.	88	0.	87	0.	86	0.
150	92	40.00	90	0.	89	0.	88	0.	87	0.	86	0.
153	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
156	92	50.00	90	0.	89	0.	88	0.	87	0.	86	0.
159	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
162	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
165	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
168	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
171	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
174	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
177	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
180	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
183	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
186	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
189	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
192	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
195	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
198	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
201	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
204	92	40.00	90	0.	89	0.	88	0.	87	0.	86	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
207	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
210	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
213	92	60.00	90	0.	89	0.	88	0.	87	0.	86	0.
216	92	60.00	90	0.	89	0.	88	0.	87	0.	86	0.
219	93	90.00	90	0.	89	0.	88	0.	87	0.	86	0.
222	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
225	92	70.00	90	0.	89	0.	88	0.	87	0.	86	0.
228	91	40.00	89	0.	89	0.	88	0.	87	0.	86	0.
231	0	100.00	92	70.00	90	0.	89	0.	88	0.	87	0.
234	0	100.00	91	40.00	89	0.	88	0.	87	0.	86	0.
237	91	40.00	89	0.	88	0.	87	0.	86	0.	85	0.
240	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
243	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
246	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
249	0	100.00	91	0.	90	0.	89	0.	88	0.	87	0.
252	94	80.00	91	0.	90	0.	89	0.	88	0.	87	0.
255	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
258	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
261	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
264	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
267	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
270	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
273	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
276	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
279	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
282	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
285	93	80.00	90	0.	90	0.	89	0.	88	0.	87	0.
288	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
291	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
294	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
297	0	100.00	0	100.00	90	0.	89	0.	88	0.	87	0.
300	92	70.00	90	0.	89	0.	88	0.	87	0.	86	0.
303	91	40.00	90	0.	89	0.	88	0.	87	0.	86	0.
306	91	20.00	89	0.	89	0.	88	0.	87	0.	86	0.

TABLE 13 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
309	91	20.00	89	0.	88	0.	88	0.	87	0.	86	0.
312	90	10.00	89	0.	88	0.	87	0.	87	0.	86	0.
315	90	10.00	89	0.	88	0.	87	0.	87	0.	86	0.
318	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
321	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
324	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
327	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
330	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
333	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
336	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
339	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
342	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
345	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
348	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
351	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
354	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
357	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
360	90	10.00	89	0.	88	0.	87	0.	87	0.	86	0.
AVERAGE SHIELDING		28.67		3.50		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		9		90		89		88		87		86

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 13

SHIELDING OF TARGET AT POSITION C
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
5	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
7	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
10	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
12	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
15	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
18	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
20	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
23	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
25	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
28	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
30	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
33	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
36	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
38	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
41	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
43	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
46	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
48	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
51	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
54	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
56	90	20.00	89	0.	89	0.	88	0.	87	0.	86	0.
59	91	30.00	89	0.	89	0.	88	0.	87	0.	86	0.
61	91	40.00	89	0.	89	0.	88	0.	87	0.	86	0.
64	92	80.00	90	0.	89	0.	88	0.	87	0.	86	0.
66	0	100.00	0	100.00	91	70.00	89	0.	88	0.	87	0.
69	0	100.00	91	50.00	89	0.	88	0.	87	0.	86	0.
72	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
74	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
77	92	70.00	90	0.	89	0.	88	0.	88	0.	87	0.
79	91	50.00	90	0.	89	0.	88	0.	87	0.	86	0.
82	91	50.00	89	0.	88	0.	88	0.	87	0.	86	0.
84	90	30.00	89	0.	88	0.	87	0.	87	0.	86	0.
87	90	40.00	89	0.	88	0.	87	0.	86	0.	86	0.

TABLE 13 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
90	90	40.00	89	0.	88	0.	87	0.	86	0.	85	0.
92	90	40.00	89	0.	88	0.	87	0.	86	0.	86	0.
95	91	40.00	89	0.	88	0.	87	0.	87	0.	86	0.
97	91	60.00	89	0.	89	0.	88	0.	87	0.	86	0.
100	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
102	91	30.00	90	0.	89	0.	88	0.	87	0.	87	0.
105	0	100.00	90	0.	89	0.	89	0.	88	0.	87	0.
108	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
110	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
113	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
115	90	10.00	89	0.	88	0.	87	0.	87	0.	86	0.
118	0	100.00	89	0.	89	0.	88	0.	87	0.	86	0.
120	0	100.00	0	100.00	90	0.	89	0.	88	0.	87	0.
123	92	90.00	90	0.	89	0.	88	0.	87	0.	86	0.
126	91	40.00	89	0.	89	0.	88	0.	87	0.	86	0.
128	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
131	92	80.00	90	0.	89	0.	88	0.	87	0.	87	0.
133	93	90.00	90	0.	89	0.	88	0.	87	0.	87	0.
136	92	70.00	90	0.	89	0.	88	0.	87	0.	87	0.
138	92	50.00	90	0.	89	0.	88	0.	87	0.	87	0.
141	91	40.00	90	0.	89	0.	88	0.	87	0.	87	0.
144	91	30.00	90	0.	89	0.	88	0.	87	0.	87	0.
146	91	40.00	90	0.	89	0.	88	0.	87	0.	87	0.
149	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
151	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
154	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
156	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
159	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
162	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
164	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
167	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
169	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
172	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
174	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.

TABLE 13 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
177	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
180	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
182	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
185	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
187	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
190	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
192	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
195	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
198	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
200	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
203	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
205	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
208	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
210	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
213	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
216	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
218	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
221	91	30.00	90	0.	89	0.	88	0.	87	0.	87	0.
223	91	40.00	90	0.	89	0.	88	0.	87	0.	87	0.
226	92	50.00	90	0.	89	0.	88	0.	87	0.	87	0.
228	0	100.00	90	0.	89	0.	88	0.	87	0.	87	0.
231	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
234	91	40.00	89	0.	89	0.	88	0.	87	0.	86	0.
236	0	100.00	91	30.00	89	0.	89	0.	88	0.	87	0.
239	0	100.00	0	100.00	90	0.	89	0.	88	0.	87	0.
241	0	100.00	89	0.	88	0.	88	0.	87	0.	86	0.
244	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
246	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
249	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
252	93	70.00	91	0.	90	0.	89	0.	89	0.	88	0.
254	91	20.00	90	0.	90	0.	89	0.	88	0.	87	0.
257	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
259	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
262	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.

TABLE 13 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARSET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
264	90	10,00	89	0,	88	0,	88	0,	87	0,	86	0,
267	90	20,00	89	0,	88	0,	87	0,	87	0,	86	0,
270	90	0,	89	0,	88	0,	87	0,	86	0,	86	0,
272	90	0,	89	0,	88	0,	87	0,	87	0,	86	0,
275	90	10,00	89	0,	88	0,	88	0,	87	0,	86	0,
277	90	10,00	90	0,	89	0,	88	0,	87	0,	86	0,
280	91	40,00	90	0,	89	0,	88	0,	87	0,	87	0,
282	93	90,00	90	0,	90	0,	89	0,	88	0,	87	0,
285	91	0,	90	0,	89	0,	88	0,	87	0,	87	0,
288	90	0,	89	0,	88	0,	87	0,	87	0,	86	0,
290	0	100,00	90	0,	89	0,	88	0,	87	0,	86	0,
293	0	100,00	0	100,00	90	0,	89	0,	88	0,	87	0,
295	92	60,00	90	0,	89	0,	88	0,	87	0,	86	0,
298	91	30,00	90	0,	89	0,	88	0,	87	0,	86	0,
300	91	20,00	89	0,	89	0,	88	0,	87	0,	86	0,
303	90	20,00	89	0,	89	0,	88	0,	87	0,	86	0,
306	90	10,00	89	0,	89	0,	88	0,	87	0,	86	0,
308	90	10,00	89	0,	89	0,	88	0,	87	0,	86	0,
311	90	10,00	89	0,	89	0,	88	0,	87	0,	86	0,
313	90	0,	89	0,	89	0,	88	0,	87	0,	86	0,
316	90	0,	89	0,	89	0,	88	0,	87	0,	86	0,
318	90	0,	89	0,	89	0,	88	0,	87	0,	86	0,
321	90	0,	89	0,	89	0,	88	0,	87	0,	86	0,
324	90	0,	89	0,	89	0,	88	0,	87	0,	86	0,
326	90	0,	89	0,	89	0,	88	0,	87	0,	86	0,
329	90	0,	89	0,	89	0,	88	0,	87	0,	86	0,
331	90	0,	89	0,	89	0,	88	0,	87	0,	86	0,
334	90	0,	89	0,	89	0,	88	0,	87	0,	86	0,
336	90	0,	89	0,	89	0,	88	0,	87	0,	86	0,
339	90	0,	89	0,	89	0,	88	0,	87	0,	86	0,
342	90	0,	89	0,	89	0,	88	0,	87	0,	86	0,
344	90	0,	89	0,	89	0,	88	0,	87	0,	86	0,
347	90	0,	89	0,	89	0,	88	0,	87	0,	86	0,
349	90	0,	89	0,	89	0,	88	0,	87	0,	86	0,

TABLE 13 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
352	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
354	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
357	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
360	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
AVERAGE SHIELDING		25.50		3.43		0.50		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		90		89		88		87		86

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 13

SHIELDING OF TARGET AT POSITION C
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
2	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
4	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
6	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
9	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
11	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
13	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
15	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
18	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
20	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
22	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
24	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
27	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
29	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
31	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
33	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
36	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
38	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
40	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
42	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
45	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
47	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
49	90	10.00	89	0.	89	0.	88	0.	87	0.	87	0.
51	90	10.00	89	0.	89	0.	88	0.	87	0.	87	0.
54	90	10.00	89	0.	89	0.	88	0.	87	0.	87	0.
56	90	10.00	89	0.	89	0.	88	0.	87	0.	87	0.
58	90	20.00	89	0.	89	0.	88	0.	87	0.	87	0.
60	91	30.00	89	0.	89	0.	88	0.	87	0.	87	0.
63	91	30.00	89	0.	89	0.	88	0.	87	0.	87	0.
65	91	50.00	89	0.	89	0.	88	0.	87	0.	87	0.
67	0	100.00	90	20.00	89	0.	88	0.	88	0.	87	0.
69	0	100.00	0	100.00	0	100.00	89	0.	89	0.	88	0.
72	0	100.00	90	50.00	89	0.	88	0.	87	0.	87	0.
74	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
76	90	0.	90	0.	89	0.	88	0.	88	0.	87	0.

TABLE 13 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
76	92	60.00	90	0.	89	0.	89	0.	88	0.	87	0.
81	91	60.00	90	0.	89	0.	88	0.	88	0.	87	0.
83	91	50.00	89	0.	89	0.	88	0.	87	0.	87	0.
85	90	40.00	89	0.	88	0.	88	0.	87	0.	86	0.
87	90	40.00	89	0.	88	0.	88	0.	87	0.	86	0.
90	90	30.00	89	0.	88	0.	87	0.	87	0.	86	0.
92	90	30.00	89	0.	88	0.	87	0.	87	0.	86	0.
94	90	40.00	89	0.	88	0.	88	0.	87	0.	86	0.
96	92	70.00	90	0.	89	0.	88	0.	87	0.	87	0.
99	91	30.00	90	0.	89	0.	88	0.	88	0.	87	0.
101	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
103	0	100.00	90	0.	89	0.	89	0.	88	0.	87	0.
105	91	30.00	90	0.	90	0.	89	0.	88	0.	87	0.
108	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
110	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
112	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
114	0	100.00	90	0.	89	0.	88	0.	87	0.	87	0.
117	0	100.00	91	70.00	89	0.	89	0.	88	0.	87	0.
119	91	40.00	89	0.	89	0.	88	0.	87	0.	87	0.
121	0	100.00	90	0.	89	0.	88	0.	87	0.	87	0.
123	0	100.00	90	0.	89	0.	88	0.	88	0.	87	0.
126	92	90.00	90	0.	89	0.	88	0.	88	0.	87	0.
128	91	50.00	90	0.	89	0.	88	0.	88	0.	87	0.
130	91	30.00	90	0.	89	0.	88	0.	88	0.	87	0.
132	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
135	91	30.00	90	0.	89	0.	88	0.	88	0.	87	0.
137	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
139	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
141	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
144	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
146	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
148	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
150	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
153	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.

TABLE 13 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
155	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
157	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
159	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
162	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
164	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
166	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
168	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
171	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
173	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
175	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
177	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
180	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
182	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
184	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
186	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
189	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
191	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
193	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
195	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
198	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
200	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
202	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
204	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
207	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
209	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
211	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
213	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
216	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
218	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
220	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
222	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
225	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
227	91	30.00	90	0.	89	0.	88	0.	88	0.	87	0.
229	91	30.00	90	0.	89	0.	88	0.	88	0.	87	0.

TABLE 15B (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
231	91	40.00	90	0.	89	0.	88	0,	88	0.	87	0,
234	0	100.00	90	0.	89	0.	88	0,	88	0.	87	0,
236	0	100.00	90	0.	89	0.	88	0,	88	0.	87	0,
238	91	30.00	89	0.	89	0.	88	0,	87	0.	87	0,
240	0	100.00	90	0.	89	0.	88	0,	88	0.	87	0,
243	0	100.00	0	100.00	90	0.	89	0,	88	0.	87	0,
245	0	100.00	89	0.	89	0.	88	0,	87	0.	86	0,
247	90	0.	89	0.	88	0.	88	0,	87	0.	86	0,
249	90	0.	89	0.	89	0.	88	0,	87	0.	86	0,
252	91	0.	90	0.	89	0.	88	0,	88	0.	87	0,
254	93	70.00	91	0.	90	0.	89	0,	89	0.	88	0,
256	92	60.00	90	0.	89	0.	89	0,	88	0.	87	0,
258	91	10.00	90	0.	89	0.	88	0,	88	0.	87	0,
261	91	10.00	90	0.	89	0.	88	0,	88	0.	87	0,
263	91	20.00	90	0.	89	0.	88	0,	88	0.	87	0,
265	90	10.00	89	0.	89	0.	88	0,	87	0.	86	0,
267	90	0.	89	0.	88	0.	88	0,	87	0.	86	0,
270	90	0.	89	0.	88	0.	87	0,	87	0.	86	0,
272	90	0.	89	0.	88	0.	88	0,	87	0.	86	0,
274	90	10.00	89	0.	89	0.	88	0,	87	0.	86	0,
276	91	20.00	90	0.	89	0.	88	0,	87	0.	87	0,
279	92	70.00	90	0.	89	0.	88	0,	88	0.	87	0,
281	93	80.00	90	0.	90	0.	89	0,	88	0.	88	0,
283	91	0.	90	0.	89	0.	88	0,	88	0.	87	0,
285	90	0.	89	0.	88	0.	88	0,	87	0.	86	0,
288	0	100.00	90	0.	89	0.	88	0,	88	0.	87	0,
290	0	100.00	0	100.00	90	20.00	89	0,	88	0.	88	0,
292	92	70.00	90	0.	89	0.	88	0,	87	0.	87	0,
294	91	30.00	90	0.	89	0.	88	0,	87	0.	87	0,
297	90	20.00	90	0.	89	0.	88	0,	87	0.	87	0,
299	90	20.00	89	0.	89	0.	88	0,	87	0.	87	0,
301	90	20.00	89	0.	89	0.	88	0,	87	0.	87	0,
303	90	10.00	89	0.	89	0.	88	0,	87	0.	87	0,
306	90	10.00	89	0.	89	0.	88	0,	87	0.	87	0,

TABLE 13 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
308	90	10.00	89	0.	89	0.	88	0.	87	0.	87	0.
310	90	10.00	89	0.	89	0.	88	0.	87	0.	87	0.
312	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
315	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
317	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
319	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
321	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
324	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
326	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
328	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
330	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
333	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
335	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
337	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
339	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
342	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
344	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
346	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
348	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
351	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
353	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
355	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
357	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
360	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
AVERAGE SHIELDING		22.62		2.75		0.75		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		89		88		87		87

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE 3

TABLE 14

SHIELDING OF TARGET AT POSITION D
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
18	96	10.00	90	0.	84	0.	79	0.	73	0.	68	0.
36	95	10.00	89	0.	83	0.	78	0.	72	0.	67	0.
54	93	10.00	88	0.	82	0.	76	0.	71	0.	66	0.
72	92	0.	86	0.	80	0.	75	0.	69	0.	65	0.
90	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
108	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
126	93	10.00	87	0.	81	0.	76	0.	71	0.	66	0.
144	96	20.00	89	0.	83	0.	78	0.	72	0.	67	0.
162	98	20.00	90	0.	85	0.	79	0.	74	0.	69	0.
180	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
198	98	20.00	91	0.	85	0.	79	0.	74	0.	69	0.
216	97	20.00	89	0.	83	0.	78	0.	72	0.	67	0.
234	93	10.00	87	0.	82	0.	76	0.	71	0.	66	0.
252	92	0.	86	0.	80	0.	75	0.	69	0.	65	0.
270	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
288	92	0.	86	0.	80	0.	75	0.	70	0.	65	0.
306	93	10.00	88	0.	82	0.	76	0.	71	0.	66	0.
324	95	10.00	89	0.	83	0.	78	0.	72	0.	67	0.
342	96	10.00	90	0.	84	0.	79	0.	73	0.	68	0.
360	96	10.00	90	0.	85	0.	79	0.	74	0.	68	0.
AVERAGE SHIELDING		8.50		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		94		88		82		77		71		66

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 14

SHIELDING OF TARGET AT POSITION D
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
9	93	0.	90	0.	87	0.	84	0.	81	0.	79	0.
18	93	0.	90	0.	87	0.	84	0.	82	0.	79	0.
27	94	0.	91	0.	88	0.	85	0.	83	0.	80	0.
36	95	10.00	92	0.	89	0.	86	0.	84	0.	81	0.
45	94	10.00	91	0.	88	0.	85	0.	82	0.	80	0.
54	93	10.00	90	0.	87	0.	85	0.	82	0.	79	0.
63	92	10.00	90	0.	87	0.	84	0.	81	0.	78	0.
72	92	20.00	89	0.	86	0.	83	0.	80	0.	77	0.
81	90	0.	88	0.	85	0.	82	0.	79	0.	76	0.
90	90	0.	87	0.	85	0.	82	0.	79	0.	76	0.
99	90	0.	88	0.	85	0.	82	0.	79	0.	76	0.
108	92	20.00	88	0.	86	0.	83	0.	80	0.	77	0.
117	95	40.00	90	0.	87	0.	84	0.	81	0.	78	0.
126	96	30.00	91	0.	88	0.	85	0.	83	0.	80	0.
135	94	10.00	91	0.	88	0.	86	0.	83	0.	80	0.
144	94	10.00	91	0.	89	0.	86	0.	83	0.	80	0.
153	95	10.00	92	0.	89	0.	86	0.	83	0.	81	0.
162	99	50.00	93	0.	90	0.	87	0.	84	0.	82	0.
171	102	60.00	93	0.	91	0.	88	0.	85	0.	82	0.
180	103	90.00	94	0.	91	0.	88	0.	85	0.	82	0.
189	102	80.00	93	0.	91	0.	88	0.	85	0.	82	0.
198	99	50.00	93	0.	90	0.	87	0.	84	0.	82	0.
207	95	10.00	92	0.	89	0.	86	0.	84	0.	81	0.
216	94	10.00	92	0.	89	0.	86	0.	83	0.	80	0.
225	94	10.00	91	0.	89	0.	86	0.	83	0.	80	0.
234	96	30.00	91	0.	88	0.	86	0.	83	0.	80	0.
243	94	30.00	90	0.	87	0.	84	0.	81	0.	79	0.
252	92	20.00	89	0.	86	0.	83	0.	80	0.	77	0.
261	91	0.	88	0.	85	0.	82	0.	79	0.	77	0.
270	90	0.	88	0.	85	0.	82	0.	79	0.	76	0.
279	91	0.	88	0.	85	0.	82	0.	79	0.	77	0.
288	92	20.00	89	0.	86	0.	83	0.	80	0.	77	0.
297	93	10.00	90	0.	87	0.	84	0.	81	0.	78	0.
306	94	10.00	91	0.	88	0.	85	0.	82	0.	79	0.

TABLE 14 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
315	94	10.00	91	0.	89	0.	86	0.	83	0.	80	0.
324	97	30.00	93	0.	90	0.	87	0.	84	0.	81	0.
333	94	0.	91	0.	89	0.	86	0.	83	0.	80	0.
342	93	0.	90	0.	88	0.	85	0.	82	0.	79	0.
351	93	0.	90	0.	87	0.	84	0.	81	0.	79	0.
360	93	0.	90	0.	87	0.	84	0.	81	0.	78	0.
AVERAGE SHIELDING		18.00		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		94		90		88		85		82		79

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 14

SHIELDING OF TARGET AT POSITION D
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
6	0	100.00	90	0.	88	0.	86	0.	84	0.	83	0.
12	97	90.00	90	0.	88	0.	86	0.	85	0.	83	0.
18	0	100.00	95	80.00	90	0.	88	0.	86	0.	84	0.
24	0	100.00	0	100.00	90	10.00	88	0.	86	0.	84	0.
30	0	100.00	0	100.00	90	0.	88	0.	86	0.	84	0.
36	0	100.00	89	0.	87	0.	85	0.	84	0.	82	0.
42	90	0.	88	0.	86	0.	84	0.	82	0.	80	0.
48	91	0.	89	0.	88	0.	86	0.	84	0.	82	0.
54	92	0.	90	0.	88	0.	87	0.	85	0.	83	0.
60	96	80.00	91	0.	89	0.	87	0.	85	0.	83	0.
66	92	0.	90	0.	88	0.	86	0.	84	0.	82	0.
72	91	10.00	90	0.	88	0.	86	0.	84	0.	82	0.
78	91	20.00	89	0.	87	0.	85	0.	83	0.	81	0.
84	90	0.	88	0.	86	0.	84	0.	83	0.	81	0.
90	90	0.	88	0.	86	0.	84	0.	82	0.	80	0.
96	90	0.	88	0.	86	0.	84	0.	82	0.	81	0.
102	91	20.00	89	0.	87	0.	85	0.	83	0.	81	0.
108	93	30.00	90	0.	88	0.	86	0.	84	0.	82	0.
114	93	20.00	91	0.	89	0.	87	0.	85	0.	83	0.
120	93	10.00	91	0.	89	0.	87	0.	85	0.	83	0.
126	94	30.00	91	0.	89	0.	87	0.	85	0.	84	0.
132	99	90.00	92	0.	90	0.	88	0.	87	0.	85	0.
138	96	30.00	93	0.	91	0.	89	0.	87	0.	85	0.
144	92	0.	90	0.	89	0.	87	0.	85	0.	83	0.
150	92	0.	91	0.	89	0.	87	0.	85	0.	83	0.
156	91	0.	89	0.	87	0.	86	0.	84	0.	82	0.
162	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
168	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
174	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
180	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
186	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
192	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
198	91	0.	89	0.	87	0.	85	0.	83	0.	82	0.
204	91	0.	90	0.	88	0.	86	0.	84	0.	82	0.

TABLE 14 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARSET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
210	93	0.	91	0.	89	0.	87	0.	85	0.	83	0.
216	92	0.	91	0.	89	0.	87	0.	85	0.	83	0.
222	97	50.00	93	0.	91	0.	89	0.	87	0.	85	0.
228	99	90.00	92	0.	90	0.	89	0.	87	0.	85	0.
234	94	20.00	91	0.	89	0.	87	0.	86	0.	84	0.
240	93	10.00	91	0.	89	0.	87	0.	85	0.	83	0.
246	93	20.00	91	0.	89	0.	87	0.	85	0.	83	0.
252	93	30.00	90	0.	88	0.	86	0.	84	0.	82	0.
258	91	20.00	89	0.	87	0.	85	0.	83	0.	81	0.
264	90	0.	88	0.	86	0.	84	0.	83	0.	81	0.
270	90	0.	88	0.	86	0.	84	0.	82	0.	81	0.
276	90	0.	88	0.	86	0.	85	0.	83	0.	81	0.
282	91	20.00	89	0.	87	0.	85	0.	83	0.	81	0.
288	92	10.00	90	0.	88	0.	86	0.	84	0.	82	0.
294	92	10.00	90	0.	88	0.	87	0.	85	0.	83	0.
300	95	40.00	91	0.	89	0.	87	0.	85	0.	84	0.
306	93	0.	91	0.	89	0.	87	0.	85	0.	83	0.
312	92	0.	90	0.	88	0.	86	0.	84	0.	82	0.
318	90	0.	88	0.	86	0.	84	0.	82	0.	81	0.
324	0	100.00	89	0.	87	0.	85	0.	84	0.	82	0.
330	0	100.00	0	100.00	90	0.	88	0.	86	0.	84	0.
336	0	100.00	0	100.00	90	0.	88	0.	86	0.	84	0.
342	0	100.00	94	50.00	89	0.	87	0.	85	0.	84	0.
348	97	90.00	90	0.	88	0.	86	0.	85	0.	83	0.
354	97	90.00	90	0.	88	0.	86	0.	84	0.	83	0.
360	96	80.00	90	0.	88	0.	86	0.	84	0.	82	0.
AVERAGE SHIELDING		31.83		8.83		0.17		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		90		88		86		84		82

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 14

SHIELDING OF TARGET AT POSITION D
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
4	91	20.00	89	0.	88	0.	86	0.	85	0.	84	0.
9	91	10.00	89	0.	88	0.	86	0.	85	0.	84	0.
13	91	0.	89	0.	88	0.	86	0.	85	0.	84	0.
18	91	10.00	89	0.	88	0.	86	0.	85	0.	84	0.
22	91	20.00	89	0.	88	0.	86	0.	85	0.	84	0.
27	91	10.00	89	0.	88	0.	86	0.	85	0.	84	0.
31	92	40.00	89	0.	88	0.	87	0.	85	0.	84	0.
36	93	50.00	89	0.	88	0.	87	0.	85	0.	84	0.
40	93	60.00	90	0.	88	0.	87	0.	85	0.	84	0.
45	0	100.00	0	100.00	90	0.	88	0.	87	0.	86	0.
49	0	100.00	0	100.00	90	20.00	88	0.	87	0.	86	0.
54	0	100.00	89	0.	88	0.	86	0.	85	0.	83	0.
58	90	0.	89	0.	87	0.	86	0.	85	0.	83	0.
63	91	0.	90	0.	88	0.	87	0.	86	0.	84	0.
67	94	60.00	90	0.	89	0.	87	0.	86	0.	84	0.
72	91	0.	90	0.	88	0.	87	0.	85	0.	84	0.
76	91	0.	89	0.	88	0.	86	0.	85	0.	84	0.
81	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
85	90	0.	88	0.	87	0.	85	0.	84	0.	83	0.
90	90	0.	88	0.	87	0.	85	0.	84	0.	83	0.
94	90	0.	88	0.	87	0.	85	0.	84	0.	83	0.
99	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
103	91	20.00	89	0.	88	0.	87	0.	85	0.	84	0.
108	91	10.00	90	0.	89	0.	87	0.	86	0.	84	0.
112	92	10.00	90	0.	89	0.	87	0.	86	0.	85	0.
117	92	10.00	91	0.	89	0.	88	0.	86	0.	85	0.
121	95	50.00	92	0.	90	0.	89	0.	87	0.	86	0.
126	92	0.	90	0.	89	0.	88	0.	86	0.	85	0.
130	92	0.	90	0.	89	0.	87	0.	86	0.	85	0.
135	91	0.	89	0.	88	0.	86	0.	85	0.	83	0.
139	90	0.	89	0.	87	0.	86	0.	85	0.	83	0.
144	92	40.00	89	0.	88	0.	86	0.	85	0.	83	0.
148	0	100.00	90	0.	88	0.	87	0.	86	0.	84	0.
153	0	100.00	0	100.00	90	0.	88	0.	87	0.	85	0.

TABLE 14 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
157	0	100.00	93	70.00	89	0.	88	0.	87	0.	85	0.
162	0	100.00	90	0.	89	0.	87	0.	86	0.	85	0.
166	94	80.00	90	0.	88	0.	87	0.	85	0.	84	0.
171	91	30.00	89	0.	88	0.	86	0.	85	0.	83	0.
175	92	40.00	89	0.	88	0.	86	0.	85	0.	84	0.
180	91	20.00	89	0.	88	0.	86	0.	85	0.	83	0.
184	92	40.00	89	0.	88	0.	86	0.	85	0.	84	0.
189	92	30.00	89	0.	88	0.	86	0.	85	0.	84	0.
193	94	80.00	90	0.	88	0.	87	0.	86	0.	84	0.
198	0	100.00	90	0.	89	0.	87	0.	86	0.	85	0.
202	0	100.00	93	70.00	89	0.	88	0.	87	0.	85	0.
207	0	100.00	0	100.00	90	0.	88	0.	87	0.	85	0.
211	0	100.00	90	0.	88	0.	87	0.	85	0.	84	0.
216	90	0.	89	0.	87	0.	86	0.	85	0.	83	0.
220	90	0.	89	0.	87	0.	86	0.	85	0.	83	0.
225	91	0.	89	0.	88	0.	86	0.	85	0.	84	0.
229	92	0.	90	0.	89	0.	87	0.	86	0.	85	0.
234	92	0.	91	0.	89	0.	88	0.	86	0.	85	0.
238	96	80.00	92	0.	90	0.	89	0.	88	0.	86	0.
243	92	10.00	91	0.	89	0.	88	0.	87	0.	85	0.
247	92	10.00	91	0.	89	0.	88	0.	86	0.	85	0.
252	92	20.00	90	0.	89	0.	88	0.	86	0.	85	0.
256	92	30.00	90	0.	88	0.	87	0.	85	0.	84	0.
261	91	20.00	89	0.	88	0.	86	0.	85	0.	83	0.
265	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
270	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
274	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
279	91	10.00	89	0.	88	0.	86	0.	85	0.	83	0.
283	91	10.00	90	0.	88	0.	87	0.	85	0.	84	0.
288	92	10.00	90	0.	89	0.	87	0.	86	0.	84	0.
292	94	40.00	91	0.	89	0.	88	0.	87	0.	85	0.
297	92	0.	90	0.	89	0.	87	0.	86	0.	85	0.
301	91	0.	89	0.	88	0.	86	0.	85	0.	83	0.
306	0	100.00	89	0.	88	0.	86	0.	85	0.	83	0.

TABLE 14 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
310	0	100.00	0	100.00	91	20.00	89	0.	87	0.	86	0.
315	0	100.00	94	80.00	90	0.	88	0.	87	0.	85	0.
319	93	60.00	90	0.	88	0.	87	0.	85	0.	84	0.
324	92	40.00	90	0.	88	0.	87	0.	85	0.	84	0.
328	92	40.00	89	0.	88	0.	87	0.	85	0.	84	0.
333	91	10.00	89	0.	88	0.	87	0.	85	0.	84	0.
337	91	20.00	89	0.	88	0.	87	0.	85	0.	84	0.
342	91	10.00	89	0.	88	0.	86	0.	85	0.	84	0.
346	91	0.	89	0.	88	0.	86	0.	85	0.	84	0.
351	91	10.00	89	0.	88	0.	86	0.	85	0.	84	0.
355	91	20.00	89	0.	88	0.	86	0.	85	0.	84	0.
360	91	20.00	89	0.	88	0.	86	0.	85	0.	84	0.
AVERAGE SHIELDING		32.62		9.00		0.50		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		90		88		87		85		84

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 8

SHIELDING OF TARGET AT POSITION D

RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
7	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
10	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
14	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
18	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
21	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
25	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
28	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
32	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
36	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
39	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
43	91	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
46	91	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
50	92	60.00	90	0.	88	0.	87	0.	86	0.	85	0.
54	0	100.00	91	40.00	89	0.	88	0.	87	0.	86	0.
57	0	100.00	0	100.00	90	0.	89	0.	87	0.	86	0.
61	0	100.00	89	0.	88	0.	87	0.	86	0.	85	0.
64	90	0.	89	0.	87	0.	86	0.	85	0.	84	0.
68	91	0.	90	0.	89	0.	87	0.	86	0.	85	0.
72	92	50.00	90	0.	89	0.	88	0.	87	0.	85	0.
75	91	0.	89	0.	88	0.	87	0.	86	0.	85	0.
79	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
82	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
86	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
90	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
93	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
97	90	0.	89	0.	87	0.	86	0.	85	0.	84	0.
100	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
104	91	10.00	90	0.	89	0.	87	0.	86	0.	85	0.
108	91	0.	90	0.	89	0.	88	0.	86	0.	85	0.
111	92	30.00	90	0.	89	0.	88	0.	87	0.	86	0.

TABLE 14 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
126	90	0.	89	0.	88	0.	87	0.	86	0.	84	0.
129	90	0.	89	0.	88	0.	87	0.	86	0.	84	0.
133	0	100.00	90	0.	89	0.	88	0.	86	0.	85	0.
136	0	100.00	0	100.00	90	0.	88	0.	87	0.	86	0.
140	0	100.00	90	0.	89	0.	88	0.	86	0.	85	0.
144	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
147	0	100.00	90	0.	89	0.	87	0.	86	0.	85	0.
151	0	100.00	90	0.	89	0.	88	0.	87	0.	85	0.
154	0	100.00	90	0.	89	0.	88	0.	87	0.	85	0.
158	0	100.00	90	0.	89	0.	88	0.	87	0.	85	0.
162	93	80.00	90	0.	89	0.	88	0.	87	0.	85	0.
165	93	80.00	90	0.	89	0.	88	0.	86	0.	85	0.
169	92	40.00	90	0.	89	0.	88	0.	86	0.	85	0.
172	92	40.00	90	0.	89	0.	88	0.	86	0.	85	0.
176	93	60.00	90	0.	89	0.	88	0.	87	0.	85	0.
180	93	80.00	90	0.	89	0.	88	0.	87	0.	85	0.
183	93	60.00	90	0.	89	0.	88	0.	87	0.	85	0.
187	92	40.00	90	0.	89	0.	88	0.	87	0.	85	0.
190	92	40.00	90	0.	89	0.	88	0.	87	0.	85	0.
194	93	70.00	90	0.	89	0.	88	0.	87	0.	85	0.
198	93	70.00	90	0.	89	0.	88	0.	87	0.	85	0.
201	94	90.00	90	0.	89	0.	88	0.	87	0.	85	0.
205	0	100.00	90	0.	89	0.	88	0.	87	0.	85	0.
208	0	100.00	90	0.	89	0.	88	0.	87	0.	85	0.
212	0	100.00	90	0.	89	0.	88	0.	86	0.	85	0.
216	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
219	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
223	0	100.00	0	100.00	90	0.	89	0.	87	0.	86	0.
226	0	100.00	90	0.	88	0.	87	0.	86	0.	85	0.
230	90	0.	89	0.	88	0.	87	0.	86	0.	84	0.
234	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
237	91	0.	90	0.	89	0.	88	0.	86	0.	85	0.
241	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
244	95	80.00	91	0.	90	0.	89	0.	88	0.	87	0.

TABLE 14 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
248	92	20.00	91	0.	90	0.	88	0.	87	0.	86	0.
252	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
255	92	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
259	92	30.00	90	0.	89	0.	87	0.	86	0.	85	0.
262	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
266	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
270	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
273	90	0.	89	0.	88	0.	87	0.	85	0.	84	0.
277	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
280	91	10.00	90	0.	88	0.	87	0.	86	0.	85	0.
284	91	10.00	90	0.	89	0.	88	0.	87	0.	85	0.
288	93	60.00	91	0.	89	0.	88	0.	87	0.	86	0.
291	91	0.	90	0.	89	0.	88	0.	87	0.	85	0.
295	90	0.	89	0.	88	0.	87	0.	86	0.	84	0.
298	0	100.00	89	0.	88	0.	87	0.	86	0.	85	0.
302	0	100.00	0	100.00	90	0.	89	0.	88	0.	87	0.
306	0	100.00	90	0.	89	0.	88	0.	87	0.	85	0.
309	92	50.00	90	0.	88	0.	87	0.	86	0.	85	0.
313	91	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
316	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
320	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
324	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
327	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
331	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
334	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
338	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
342	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
345	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
349	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
352	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
356	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
360	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
AVERAGE SHIELDING		34.60		4.40		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		90		88		87		86		85

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 14

SHIELDING OF TARGET AT POSITION D
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
6	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
9	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
12	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
15	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
18	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
21	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
24	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
27	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
30	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
33	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
36	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
39	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
42	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
45	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
48	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
51	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
54	91	30.00	89	0.	88	0.	87	0.	86	0.	86	0.
57	91	50.00	89	0.	88	0.	87	0.	87	0.	86	0.
60	0	100.00	90	10.00	89	0.	88	0.	87	0.	86	0.
63	0	100.00	0	100.00	91	50.00	89	0.	88	0.	87	0.
66	0	100.00	90	20.00	89	0.	88	0.	87	0.	86	0.
69	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
72	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
75	93	80.00	90	0.	89	0.	88	0.	87	0.	86	0.
78	91	40.00	90	0.	89	0.	88	0.	87	0.	86	0.
81	91	50.00	89	0.	88	0.	87	0.	86	0.	85	0.
84	90	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
87	90	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
90	90	40.00	89	0.	88	0.	87	0.	86	0.	85	0.
93	90	40.00	89	0.	88	0.	87	0.	86	0.	85	0.
96	90	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
99	92	60.00	89	0.	88	0.	87	0.	87	0.	86	0.
102	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.

TABLE 14 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
105	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
108	0	100.00	90	0.	89	0.	88	0.	87	0.	87	0.
111	91	10.00	90	0.	89	0.	89	0.	88	0.	87	0.
114	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
117	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
120	91	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
123	0	100.00	89	0.	88	0.	87	0.	86	0.	85	0.
126	0	100.00	92	80.00	89	0.	88	0.	87	0.	86	0.
129	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
132	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
135	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
138	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
141	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
144	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
147	93	90.00	90	0.	89	0.	88	0.	87	0.	86	0.
150	92	50.00	90	0.	89	0.	88	0.	87	0.	86	0.
153	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
156	92	60.00	90	0.	89	0.	88	0.	87	0.	86	0.
159	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
162	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
165	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
168	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
171	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
174	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
177	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
180	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
183	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
186	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
189	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
192	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
195	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
198	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
201	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
204	92	40.00	90	0.	89	0.	88	0.	87	0.	86	0.

TABLE 14 (CON,)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
207	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
210	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
213	93	70.00	90	0.	89	0.	88	0.	87	0.	86	0.
216	93	80.00	90	0.	89	0.	88	0.	87	0.	86	0.
219	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
222	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
225	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
228	91	30.00	89	0.	88	0.	87	0.	87	0.	86	0.
231	0	100.00	92	50.00	89	0.	88	0.	88	0.	87	0.
234	0	100.00	91	50.00	89	0.	88	0.	87	0.	86	0.
237	91	50.00	89	0.	88	0.	87	0.	86	0.	85	0.
240	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
243	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
246	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
249	0	100.00	91	0.	90	0.	89	0.	88	0.	87	0.
252	94	60.00	91	0.	90	0.	89	0.	88	0.	87	0.
255	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
258	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
261	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
264	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
267	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
270	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
273	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
276	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
279	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
282	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
285	93	80.00	90	0.	89	0.	89	0.	88	0.	87	0.
288	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
291	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
294	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
297	0	100.00	0	100.00	90	0.	89	0.	88	0.	87	0.
300	93	80.00	90	0.	89	0.	88	0.	87	0.	86	0.
303	91	40.00	90	0.	89	0.	88	0.	87	0.	86	0.
306	91	30.00	89	0.	88	0.	88	0.	87	0.	86	0.

TABLE 14 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
309	91	20.00	89	0.	88	0.	87	0.	87	0.	86	0.
312	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
315	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
318	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
321	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
324	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
327	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
330	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
333	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
336	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
339	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
342	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
345	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
348	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
351	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
354	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
357	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
360	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
AVERAGE SHIELDING		33.67		3.42		0.42		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		90		89		88		87		86

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 14

SHIELDING OF TARGET AT POSITION D

RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
5	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
7	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
10	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
12	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
15	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
18	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
20	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
23	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
25	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
28	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
30	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
33	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
36	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
38	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
41	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
43	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
46	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
48	90	20.00	89	0.	89	0.	88	0.	87	0.	86	0.
51	90	20.00	89	0.	89	0.	88	0.	87	0.	86	0.
54	90	20.00	89	0.	89	0.	88	0.	87	0.	86	0.
56	91	30.00	89	0.	89	0.	88	0.	87	0.	86	0.
59	91	40.00	89	0.	89	0.	88	0.	87	0.	86	0.
61	92	60.00	89	0.	89	0.	88	0.	87	0.	86	0.
64	0	100.00	90	10.00	89	0.	88	0.	87	0.	86	0.
66	0	100.00	0	100.00	0	100.00	89	0.	88	0.	88	0.
69	0	100.00	91	50.00	89	0.	88	0.	87	0.	86	0.
72	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
74	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
77	92	70.00	90	0.	89	0.	88	0.	88	0.	87	0.
79	92	60.00	90	0.	89	0.	88	0.	87	0.	86	0.
82	91	40.00	89	0.	89	0.	88	0.	87	0.	86	0.
84	91	40.00	89	0.	88	0.	87	0.	87	0.	86	0.
87	90	30.00	89	0.	88	0.	87	0.	86	0.	86	0.

TABLE 14 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
90	90	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
92	90	30.00	89	0.	88	0.	87	0.	86	0.	86	0.
95	91	40.00	89	0.	88	0.	87	0.	87	0.	86	0.
97	92	60.00	89	0.	89	0.	88	0.	87	0.	86	0.
100	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
102	91	30.00	90	0.	89	0.	88	0.	87	0.	87	0.
105	0	100.00	90	0.	89	0.	89	0.	88	0.	87	0.
108	92	30.00	90	0.	90	0.	89	0.	88	0.	87	0.
110	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
113	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
115	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
118	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
120	0	100.00	0	100.00	89	0.	89	0.	88	0.	87	0.
123	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
126	0	100.00	89	0.	89	0.	88	0.	87	0.	86	0.
128	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
131	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
133	92	70.00	90	0.	89	0.	88	0.	87	0.	86	0.
136	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
138	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
141	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
144	91	40.00	90	0.	89	0.	88	0.	87	0.	87	0.
146	91	40.00	90	0.	89	0.	88	0.	87	0.	87	0.
149	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
151	91	30.00	90	0.	89	0.	88	0.	87	0.	87	0.
154	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
156	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
159	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
162	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
164	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
167	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
169	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
172	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
174	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.

TABLE 14 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
177	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
180	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
182	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
185	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
187	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
190	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
192	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
195	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
198	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
200	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
203	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
205	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
208	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
210	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
213	91	30.00	90	0.	89	0.	88	0.	87	0.	87	0.
216	91	30.00	90	0.	89	0.	88	0.	87	0.	87	0.
218	91	30.00	90	0.	89	0.	88	0.	87	0.	87	0.
221	91	30.00	90	0.	89	0.	88	0.	87	0.	87	0.
223	91	40.00	90	0.	89	0.	88	0.	87	0.	87	0.
226	92	70.00	90	0.	89	0.	88	0.	87	0.	87	0.
228	0	100.00	90	0.	89	0.	88	0.	87	0.	87	0.
231	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
234	91	40.00	89	0.	89	0.	88	0.	87	0.	86	0.
236	0	100.00	91	30.00	89	0.	88	0.	88	0.	87	0.
239	0	100.00	0	100.00	90	0.	89	0.	88	0.	87	0.
241	0	100.00	89	0.	88	0.	88	0.	87	0.	86	0.
244	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
246	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
249	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
252	93	70.00	91	0.	90	0.	89	0.	88	0.	88	0.
254	92	30.00	90	0.	90	0.	89	0.	88	0.	87	0.
257	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
259	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
262	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.

TABLE 14 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
264	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
267	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
270	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
272	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
275	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
277	90	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
280	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
282	93	70.00	90	0.	89	0.	89	0.	88	0.	87	0.
285	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
288	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
290	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
293	0	100.00	0	100.00	90	0.	89	0.	88	0.	87	0.
295	92	60.00	90	0.	89	0.	88	0.	87	0.	86	0.
298	91	30.00	89	0.	89	0.	88	0.	87	0.	86	0.
300	90	20.00	89	0.	89	0.	88	0.	87	0.	86	0.
303	90	20.00	89	0.	89	0.	88	0.	87	0.	86	0.
306	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
308	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
311	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
313	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
316	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
318	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
321	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
324	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
326	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
329	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
331	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
334	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
336	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
339	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
342	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
344	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
347	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
349	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.

TABLE 14 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
352	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
354	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
357	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
360	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
AVERAGE SHIELDING		27.21		3.50		0.71		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		90		89		88		87		86

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 14

SHIELDING OF TARGET AT POSITION D
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
4	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
6	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
9	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
11	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
13	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
15	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
18	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
20	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
22	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
24	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
27	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
29	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
31	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
33	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
36	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
38	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
40	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
42	90	10.00	89	0.	89	0.	88	0.	87	0.	87	0.
45	90	10.00	89	0.	89	0.	88	0.	87	0.	87	0.
47	90	10.00	89	0.	89	0.	88	0.	87	0.	87	0.
49	90	20.00	89	0.	89	0.	88	0.	87	0.	87	0.
51	90	20.00	89	0.	89	0.	88	0.	87	0.	87	0.
54	90	20.00	89	0.	89	0.	88	0.	87	0.	87	0.
56	90	20.00	89	0.	89	0.	88	0.	87	0.	87	0.
58	91	40.00	89	0.	89	0.	88	0.	87	0.	87	0.
60	91	40.00	89	0.	89	0.	88	0.	87	0.	87	0.
63	91	50.00	90	0.	89	0.	88	0.	87	0.	87	0.
65	92	70.00	90	10.00	89	0.	88	0.	87	0.	87	0.
67	0	100.00	90	40.00	89	0.	88	0.	88	0.	87	0.
69	0	100.00	0	100.00	0	100.00	89	0.	89	0.	88	0.
72	0	100.00	91	50.00	89	0.	88	0.	88	0.	87	0.
74	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
76	90	0.	90	0.	89	0.	88	0.	88	0.	87	0.

TABLE 14 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
78	92	50.00	90	0.	89	0.	89	0.	88	0.	87	0.
81	92	70.00	90	0.	89	0.	88	0.	88	0.	87	0.
83	91	50.00	89	0.	89	0.	88	0.	87	0.	87	0.
85	91	40.00	89	0.	88	0.	88	0.	87	0.	86	0.
87	90	30.00	89	0.	88	0.	88	0.	87	0.	86	0.
90	90	40.00	89	0.	88	0.	88	0.	87	0.	86	0.
92	90	40.00	89	0.	88	0.	88	0.	87	0.	86	0.
94	90	30.00	89	0.	88	0.	88	0.	87	0.	86	0.
96	92	70.00	90	0.	89	0.	88	0.	87	0.	87	0.
99	91	40.00	90	0.	89	0.	88	0.	88	0.	87	0.
101	91	30.00	90	0.	89	0.	89	0.	88	0.	87	0.
103	0	100.00	90	0.	90	0.	89	0.	88	0.	87	0.
105	92	40.00	90	0.	90	0.	89	0.	88	0.	88	0.
108	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
110	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
112	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
114	0	100.00	90	0.	89	0.	88	0.	88	0.	87	0.
117	0	100.00	0	100.00	90	0.	89	0.	88	0.	87	0.
119	91	50.00	89	0.	89	0.	88	0.	87	0.	87	0.
121	0	100.00	90	0.	89	0.	88	0.	88	0.	87	0.
123	0	100.00	90	0.	89	0.	88	0.	88	0.	87	0.
126	0	100.00	90	0.	89	0.	88	0.	88	0.	87	0.
128	0	100.00	90	0.	89	0.	88	0.	88	0.	87	0.
130	92	70.00	90	0.	89	0.	88	0.	88	0.	87	0.
132	91	40.00	90	0.	89	0.	88	0.	88	0.	87	0.
135	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
137	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
139	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
141	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
144	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
146	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
148	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
150	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
153	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.

TABLE 14 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
155	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
157	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
159	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
162	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
164	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
166	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
168	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
171	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
173	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
175	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
177	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
180	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
182	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
184	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
186	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
189	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
191	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
193	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
195	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
198	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
200	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
202	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
204	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
207	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
209	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
211	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
213	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
216	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
218	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
220	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
222	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
225	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
227	91	30.00	90	0.	89	0.	88	0.	88	0.	87	0.
229	91	30.00	90	0.	89	0.	88	0.	88	0.	87	0.

TABLE 15 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
231	91	40.00	90	0.	89	0.	88	0.	88	0.	87	0.
234	92	80.00	90	0.	89	0.	88	0.	88	0.	87	0.
236	0	100.00	90	0.	89	0.	88	0.	88	0.	87	0.
238	91	30.00	89	0.	89	0.	88	0.	87	0.	87	0.
240	0	100.00	90	0.	89	0.	88	0.	88	0.	87	0.
243	0	100.00	0	100.00	90	0.	89	0.	88	0.	87	0.
245	0	100.00	89	0.	89	0.	88	0.	87	0.	86	0.
247	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
249	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
252	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
254	93	60.00	91	0.	90	0.	89	0.	89	0.	88	0.
256	92	40.00	90	0.	90	0.	89	0.	88	0.	87	0.
258	91	10.00	90	0.	89	0.	89	0.	88	0.	87	0.
261	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
263	91	30.00	90	0.	89	0.	88	0.	88	0.	87	0.
265	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
267	90	20.00	89	0.	88	0.	88	0.	87	0.	86	0.
270	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
272	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
274	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
276	90	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
279	91	50.00	90	0.	89	0.	88	0.	88	0.	87	0.
281	92	80.00	90	0.	90	0.	89	0.	88	0.	87	0.
283	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
285	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
288	0	100.00	90	0.	89	0.	88	0.	88	0.	87	0.
290	0	100.00	0	100.00	90	0.	89	0.	88	0.	87	0.
292	92	70.00	90	0.	89	0.	88	0.	87	0.	87	0.
294	91	30.00	89	0.	89	0.	88	0.	87	0.	87	0.
297	90	20.00	89	0.	89	0.	88	0.	87	0.	87	0.
299	90	20.00	89	0.	89	0.	88	0.	87	0.	87	0.
301	90	20.00	89	0.	89	0.	88	0.	87	0.	87	0.
303	90	10.00	89	0.	89	0.	88	0.	87	0.	87	0.
306	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.

TABLE 14 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
308	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
310	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
312	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
315	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
317	90	10.00	89	0.	89	0.	88	0.	87	0.	87	0.
319	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
321	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
324	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
326	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
328	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
330	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
333	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
335	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
337	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
339	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
342	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
344	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
346	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
348	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
351	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
353	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
355	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
357	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
360	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
AVERAGE SHIELDING		24.19		3.12		0.62		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		89		88		87		87

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 15

SHIELDING OF TARGET AT POSITION E
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
18	96	10,00	90	0,	85	0.	79	0,	74	0.	68	0,
36	95	10,00	89	0,	84	0,	78	0,	73	0.	68	0,
54	94	10,00	88	0,	82	0,	77	0,	71	0.	66	0,
72	92	0,	86	0,	81	0.	75	0,	70	0.	65	0,
90	91	0,	85	0.	80	0,	74	0,	69	0.	64	0,
108	92	0,	86	0,	80	0,	75	0,	70	0.	65	0,
126	93	0,	87	0.	82	0,	76	0,	71	0.	66	0,
144	95	10,00	89	0,	84	0,	78	0,	73	0.	68	0,
162	98	20,00	91	0,	85	0,	79	0,	74	0.	69	0,
180	91	0,	85	0,	80	0,	74	0,	69	0.	64	0,
198	98	20,00	91	0,	85	0,	80	0,	74	0.	69	0,
216	95	10,00	89	0,	84	0,	78	0,	73	0.	68	0,
234	93	0,	88	0,	82	0,	76	0,	71	0.	66	0,
252	92	0,	86	0,	81	0.	75	0,	70	0.	65	0,
270	92	0,	86	0.	80	0,	75	0,	70	0.	65	0,
288	92	0,	86	0,	81	0,	75	0,	70	0,	65	0,
306	94	10,00	88	0,	82	0.	77	0,	71	0.	66	0,
324	95	10,00	89	0,	84	0,	78	0,	73	0.	68	0,
342	96	10,00	90	0.	85	0,	79	0,	74	0.	69	0,
360	97	10,00	91	0,	85	0,	79	0,	74	0.	69	0,
AVERAGE SHIELDING		6,50		0,		0,		0,		0,		0,
AVERAGE TARGET CONTACT ANGLE		94		88		83		77		72		67

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 15

SHIELDING OF TARGET AT POSITION E
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
9	93	0.	90	0.	87	0.	84	0.	82	0.	79	0.
18	93	0.	90	0.	87	0.	85	0.	82	0.	79	0.
27	94	0.	91	0.	88	0.	85	0.	83	0.	80	0.
36	98	50.00	92	0.	89	0.	86	0.	83	0.	81	0.
45	93	0.	91	0.	88	0.	85	0.	82	0.	79	0.
54	93	0.	90	0.	87	0.	84	0.	82	0.	79	0.
63	93	10.00	90	0.	87	0.	84	0.	81	0.	78	0.
72	93	20.00	89	0.	86	0.	83	0.	80	0.	78	0.
81	91	0.	88	0.	85	0.	82	0.	79	0.	77	0.
90	90	0.	87	0.	85	0.	82	0.	79	0.	76	0.
99	91	0.	88	0.	85	0.	82	0.	79	0.	76	0.
108	92	20.00	89	0.	86	0.	83	0.	80	0.	77	0.
117	95	30.00	90	0.	87	0.	84	0.	81	0.	79	0.
126	95	20.00	91	0.	88	0.	86	0.	83	0.	80	0.
135	94	10.00	92	0.	89	0.	86	0.	83	0.	80	0.
144	94	10.00	92	0.	89	0.	86	0.	83	0.	80	0.
153	95	10.00	92	0.	89	0.	86	0.	84	0.	81	0.
162	100	60.00	93	0.	90	0.	87	0.	85	0.	82	0.
171	102	80.00	94	0.	91	0.	88	0.	85	0.	82	0.
180	103	90.00	94	0.	91	0.	88	0.	85	0.	82	0.
189	102	80.00	94	0.	91	0.	88	0.	85	0.	82	0.
198	99	50.00	93	0.	90	0.	87	0.	85	0.	82	0.
207	95	10.00	92	0.	89	0.	87	0.	84	0.	81	0.
216	95	10.00	92	0.	89	0.	86	0.	83	0.	80	0.
225	95	10.00	92	0.	89	0.	86	0.	83	0.	80	0.
234	96	30.00	92	0.	89	0.	86	0.	83	0.	80	0.
243	95	30.00	90	0.	87	0.	84	0.	82	0.	79	0.
252	93	20.00	89	0.	86	0.	83	0.	80	0.	78	0.
261	91	0.	88	0.	85	0.	82	0.	79	0.	77	0.
270	91	0.	88	0.	85	0.	82	0.	79	0.	76	0.
279	91	0.	88	0.	85	0.	82	0.	80	0.	77	0.
288	92	10.00	89	0.	86	0.	83	0.	80	0.	78	0.
297	93	10.00	90	0.	87	0.	84	0.	81	0.	79	0.
306	94	10.00	91	0.	88	0.	85	0.	82	0.	80	0.

TABLE 15 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
315	94	10.00	92	0.	89	0.	86	0.	83	0.	80	0.
324	96	20.00	93	0.	90	0.	87	0.	84	0.	81	0.
333	94	0.	92	0.	89	0.	86	0.	83	0.	80	0.
342	93	0.	91	0.	88	0.	85	0.	82	0.	79	0.
351	93	0.	90	0.	87	0.	84	0.	82	0.	79	0.
360	93	0.	90	0.	87	0.	84	0.	81	0.	78	0.
AVERAGE SHIELDING		17.75		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		94		91		88		85		82		79

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

15

TABLE 8

SHIELDING OF TARGET AT POSITION E

RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
6	0	100.00	90	10.00	88	0.	86	0.	85	0.	83	0.
12	97	90.00	90	0.	88	0.	87	0.	85	0.	83	0.
18	0	100.00	95	70.00	90	0.	88	0.	86	0.	84	0.
24	0	100.00	0	100.00	90	10.00	88	0.	86	0.	85	0.
30	0	100.00	0	100.00	90	0.	88	0.	86	0.	84	0.
36	0	100.00	89	0.	87	0.	86	0.	84	0.	82	0.
42	90	0.	88	0.	86	0.	84	0.	82	0.	80	0.
48	91	0.	89	0.	88	0.	86	0.	84	0.	82	0.
54	92	0.	90	0.	88	0.	87	0.	85	0.	83	0.
60	96	80.00	90	0.	88	0.	87	0.	85	0.	83	0.
66	92	0.	90	0.	88	0.	86	0.	84	0.	82	0.
72	91	0.	89	0.	87	0.	86	0.	84	0.	82	0.
78	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
84	90	0.	88	0.	86	0.	84	0.	82	0.	81	0.
90	90	0.	88	0.	86	0.	84	0.	82	0.	80	0.
96	90	0.	88	0.	86	0.	84	0.	82	0.	81	0.
102	90	10.00	89	0.	87	0.	85	0.	83	0.	81	0.
108	92	20.00	90	0.	88	0.	86	0.	84	0.	82	0.
114	92	10.00	90	0.	89	0.	87	0.	85	0.	83	0.
120	93	10.00	91	0.	89	0.	87	0.	85	0.	83	0.
126	93	10.00	91	0.	89	0.	87	0.	86	0.	84	0.
132	99	90.00	92	0.	91	0.	89	0.	87	0.	85	0.
138	96	40.00	93	0.	91	0.	89	0.	87	0.	85	0.
144	92	0.	91	0.	89	0.	87	0.	85	0.	83	0.
150	93	0.	91	0.	89	0.	87	0.	85	0.	83	0.
156	91	0.	90	0.	88	0.	86	0.	84	0.	82	0.
162	91	0.	89	0.	87	0.	85	0.	83	0.	82	0.
168	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
174	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
180	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
186	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
192	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
198	91	0.	89	0.	87	0.	85	0.	84	0.	82	0.
204	92	0.	90	0.	88	0.	86	0.	84	0.	82	0.

TABLE 15 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
210	93	0.	91	0.	89	0.	87	0.	85	0.	83	0.
216	93	0.	91	0.	89	0.	87	0.	85	0.	83	0.
222	97	40.00	93	0.	91	0.	89	0.	87	0.	85	0.
228	98	80.00	92	0.	91	0.	89	0.	87	0.	85	0.
234	94	20.00	91	0.	90	0.	88	0.	86	0.	84	0.
240	93	10.00	91	0.	89	0.	87	0.	85	0.	83	0.
246	93	20.00	91	0.	89	0.	87	0.	85	0.	83	0.
252	93	30.00	90	0.	88	0.	86	0.	84	0.	82	0.
258	92	20.00	89	0.	87	0.	85	0.	83	0.	81	0.
264	90	0.	89	0.	87	0.	85	0.	83	0.	81	0.
270	90	0.	88	0.	86	0.	85	0.	83	0.	81	0.
276	90	0.	89	0.	87	0.	85	0.	83	0.	81	0.
282	91	10.00	89	0.	87	0.	85	0.	83	0.	82	0.
288	92	10.00	90	0.	88	0.	86	0.	84	0.	82	0.
294	92	10.00	91	0.	89	0.	87	0.	85	0.	83	0.
300	95	40.00	91	0.	89	0.	87	0.	86	0.	84	0.
306	93	0.	91	0.	89	0.	87	0.	85	0.	83	0.
312	92	0.	90	0.	88	0.	86	0.	84	0.	82	0.
318	90	0.	88	0.	86	0.	84	0.	83	0.	81	0.
324	0	100.00	89	0.	88	0.	86	0.	84	0.	82	0.
330	0	100.00	0	100.00	90	0.	88	0.	86	0.	84	0.
336	0	100.00	0	100.00	90	0.	88	0.	86	0.	84	0.
342	0	100.00	94	60.00	90	0.	88	0.	86	0.	84	0.
348	97	90.00	90	0.	89	0.	87	0.	85	0.	83	0.
354	0	100.00	90	0.	88	0.	86	0.	85	0.	83	0.
360	96	80.00	90	0.	88	0.	86	0.	84	0.	82	0.
AVERAGE SHIELDING		30.33		9.00		0.17		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		90		88		86		84		82

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 15

SHIELDING OF TARGET AT POSITION E
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
4	91	20.00	89	0.	88	0.	86	0.	85	0.	84	0.
9	91	10.00	89	0.	88	0.	86	0.	85	0.	84	0.
13	91	0.	89	0.	88	0.	86	0.	85	0.	84	0.
18	91	10.00	89	0.	88	0.	86	0.	85	0.	84	0.
22	91	20.00	89	0.	88	0.	87	0.	85	0.	84	0.
27	91	10.00	89	0.	88	0.	87	0.	85	0.	84	0.
31	92	40.00	89	0.	88	0.	87	0.	85	0.	84	0.
36	92	40.00	90	0.	88	0.	87	0.	85	0.	84	0.
40	94	80.00	90	0.	89	0.	87	0.	86	0.	84	0.
45	0	100.00	0	100.00	90	0.	88	0.	87	0.	86	0.
49	0	100.00	0	100.00	90	0.	88	0.	87	0.	85	0.
54	0	100.00	89	0.	87	0.	86	0.	85	0.	83	0.
58	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
63	91	0.	90	0.	88	0.	87	0.	86	0.	84	0.
67	92	30.00	90	0.	89	0.	87	0.	86	0.	84	0.
72	91	0.	90	0.	88	0.	87	0.	85	0.	84	0.
76	91	0.	89	0.	88	0.	86	0.	85	0.	83	0.
81	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
85	90	0.	88	0.	87	0.	85	0.	84	0.	82	0.
90	89	0.	88	0.	87	0.	85	0.	84	0.	82	0.
94	90	0.	88	0.	87	0.	85	0.	84	0.	82	0.
99	90	10.00	89	0.	87	0.	86	0.	84	0.	83	0.
103	91	20.00	89	0.	88	0.	86	0.	85	0.	84	0.
108	91	0.	90	0.	88	0.	87	0.	86	0.	84	0.
112	92	0.	90	0.	89	0.	87	0.	86	0.	84	0.
117	92	0.	91	0.	89	0.	88	0.	86	0.	85	0.
121	94	30.00	91	0.	90	0.	89	0.	87	0.	86	0.
126	92	0.	90	0.	89	0.	87	0.	86	0.	85	0.
130	92	0.	90	0.	89	0.	87	0.	86	0.	84	0.
135	91	0.	89	0.	88	0.	87	0.	85	0.	84	0.
139	90	0.	89	0.	87	0.	86	0.	85	0.	83	0.
144	93	60.00	89	0.	88	0.	86	0.	85	0.	83	0.
148	0	100.00	90	0.	89	0.	87	0.	86	0.	84	0.
153	0	100.00	0	100.00	90	0.	88	0.	87	0.	86	0.

TABLE 15 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
157	0	100.00	93	60.00	89	0.	88	0.	87	0.	85	0.
162	0	100.00	90	0.	89	0.	87	0.	86	0.	85	0.
166	94	70.00	90	0.	88	0.	87	0.	86	0.	84	0.
171	91	20.00	89	0.	88	0.	86	0.	85	0.	84	0.
175	92	30.00	89	0.	88	0.	86	0.	85	0.	84	0.
180	90	10.00	89	0.	88	0.	86	0.	85	0.	83	0.
184	92	30.00	89	0.	88	0.	86	0.	85	0.	84	0.
189	92	30.00	89	0.	88	0.	86	0.	85	0.	84	0.
193	94	80.00	90	0.	88	0.	87	0.	86	0.	84	0.
198	0	100.00	90	0.	89	0.	88	0.	86	0.	85	0.
202	0	100.00	94	80.00	90	0.	88	0.	87	0.	85	0.
207	0	100.00	0	100.00	90	0.	88	0.	87	0.	86	0.
211	0	100.00	90	0.	88	0.	87	0.	86	0.	84	0.
216	90	0.	89	0.	88	0.	86	0.	85	0.	83	0.
220	90	0.	89	0.	88	0.	86	0.	85	0.	83	0.
225	91	0.	89	0.	88	0.	87	0.	85	0.	84	0.
229	92	0.	90	0.	89	0.	88	0.	86	0.	85	0.
234	92	0.	91	0.	89	0.	88	0.	86	0.	85	0.
238	96	70.00	92	0.	91	0.	89	0.	88	0.	86	0.
243	93	20.00	91	0.	90	0.	88	0.	87	0.	85	0.
247	92	0.	91	0.	89	0.	88	0.	86	0.	85	0.
252	92	10.00	91	0.	89	0.	88	0.	86	0.	85	0.
256	92	30.00	90	0.	88	0.	87	0.	86	0.	84	0.
261	91	10.00	89	0.	88	0.	86	0.	85	0.	83	0.
265	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
270	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
274	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
279	91	10.00	89	0.	88	0.	86	0.	85	0.	84	0.
283	91	10.00	90	0.	88	0.	87	0.	85	0.	84	0.
288	92	0.	90	0.	89	0.	87	0.	86	0.	85	0.
292	94	40.00	91	0.	89	0.	88	0.	87	0.	85	0.
297	92	0.	90	0.	89	0.	88	0.	86	0.	85	0.
301	91	0.	89	0.	88	0.	86	0.	85	0.	84	0.
306	0	100.00	89	0.	88	0.	86	0.	85	0.	83	0.

TABLE 15 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
310	0	100.00	0	100.00	91	20.00	89	0.	87	0.	86	0.
315	0	100.00	94	80.00	90	0.	88	0.	87	0.	85	0.
319	93	60.00	90	0.	88	0.	87	0.	86	0.	84	0.
324	92	40.00	90	0.	88	0.	87	0.	85	0.	84	0.
328	92	40.00	90	0.	88	0.	87	0.	85	0.	84	0.
333	91	10.00	90	0.	88	0.	87	0.	85	0.	84	0.
337	91	20.00	89	0.	88	0.	87	0.	85	0.	84	0.
342	91	10.00	89	0.	88	0.	87	0.	85	0.	84	0.
346	91	0.	89	0.	88	0.	87	0.	85	0.	84	0.
351	91	10.00	89	0.	88	0.	87	0.	85	0.	84	0.
355	91	20.00	89	0.	88	0.	86	0.	85	0.	84	0.
360	91	20.00	89	0.	88	0.	86	0.	85	0.	84	0.
AVERAGE SHIELDING		31.00		9.00		0.25		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		90		88		87		85		84

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 15

SHIELDING OF TARGET AT POSITION E

RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
7	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
10	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
14	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
18	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
21	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
25	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
28	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
32	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
36	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
39	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
43	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
46	92	40.00	89	0.	88	0.	87	0.	86	0.	85	0.
50	92	60.00	89	0.	88	0.	87	0.	86	0.	85	0.
54	0	100.00	91	30.00	89	0.	88	0.	87	0.	86	0.
57	0	100.00	0	100.00	91	50.00	89	0.	88	0.	87	0.
61	0	100.00	89	0.	88	0.	87	0.	86	0.	85	0.
64	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
68	91	0.	90	0.	89	0.	87	0.	86	0.	85	0.
72	93	70.00	90	0.	89	0.	88	0.	87	0.	86	0.
75	92	30.00	90	0.	89	0.	87	0.	86	0.	85	0.
79	91	40.00	89	0.	88	0.	87	0.	86	0.	85	0.
82	91	30.00	89	0.	88	0.	87	0.	85	0.	84	0.
86	90	20.00	89	0.	87	0.	86	0.	85	0.	84	0.
90	90	30.00	88	0.	87	0.	86	0.	85	0.	84	0.
93	90	30.00	89	0.	87	0.	86	0.	85	0.	84	0.
97	91	30.00	89	0.	88	0.	87	0.	85	0.	84	0.
100	92	50.00	89	0.	88	0.	87	0.	86	0.	85	0.
104	91	20.00	90	0.	89	0.	88	0.	86	0.	85	0.
108	92	20.00	90	0.	89	0.	88	0.	87	0.	85	0.
111	94	80.00	90	0.	89	0.	88	0.	87	0.	86	0.
115	92	20.00	91	0.	90	0.	89	0.	87	0.	86	0.
118	91	0.	90	0.	89	0.	88	0.	86	0.	85	0.
122	91	0.	90	0.	88	0.	87	0.	86	0.	85	0.

TABLE 15 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
126	90	0.	89	0.	88	0.	87	0.	86	0.	84	0.
129	90	0.	89	0.	88	0.	87	0.	86	0.	84	0.
133	0	100.00	90	0.	89	0.	88	0.	86	0.	85	0.
136	0	100.00	0	100.00	90	0.	89	0.	87	0.	86	0.
140	94	90.00	90	0.	89	0.	88	0.	87	0.	85	0.
144	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
147	0	100.00	90	0.	89	0.	87	0.	86	0.	85	0.
151	0	100.00	90	0.	89	0.	88	0.	87	0.	85	0.
154	0	100.00	90	0.	89	0.	88	0.	87	0.	85	0.
158	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
162	94	90.00	90	0.	89	0.	88	0.	87	0.	85	0.
165	94	90.00	90	0.	89	0.	88	0.	87	0.	85	0.
169	92	40.00	90	0.	89	0.	88	0.	87	0.	85	0.
172	93	50.00	90	0.	89	0.	88	0.	87	0.	85	0.
176	93	60.00	90	0.	89	0.	88	0.	87	0.	85	0.
180	94	80.00	90	0.	89	0.	88	0.	87	0.	85	0.
183	93	60.00	90	0.	89	0.	88	0.	87	0.	85	0.
187	92	40.00	90	0.	89	0.	88	0.	87	0.	85	0.
190	92	40.00	90	0.	89	0.	88	0.	87	0.	85	0.
194	93	70.00	90	0.	89	0.	88	0.	87	0.	85	0.
198	93	70.00	90	0.	89	0.	88	0.	87	0.	85	0.
201	94	90.00	90	0.	89	0.	88	0.	87	0.	85	0.
205	0	100.00	90	0.	89	0.	88	0.	87	0.	85	0.
208	0	100.00	90	0.	89	0.	88	0.	87	0.	85	0.
212	0	100.00	90	0.	89	0.	88	0.	87	0.	85	0.
216	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
219	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
223	0	100.00	0	100.00	90	0.	89	0.	88	0.	86	0.
226	0	100.00	90	0.	89	0.	87	0.	86	0.	85	0.
230	90	0.	89	0.	88	0.	87	0.	86	0.	84	0.
234	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
237	91	0.	90	0.	89	0.	88	0.	87	0.	85	0.
241	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
244	95	80.00	92	0.	90	0.	89	0.	88	0.	87	0.

TABLE 15 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
248	93	30.00	91	0.	90	0.	88	0.	87	0.	86	0.
252	92	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
255	92	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
259	92	30.00	90	0.	89	0.	88	0.	86	0.	85	0.
262	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
266	90	10.00	89	0.	88	0.	87	0.	85	0.	84	0.
270	90	0.	89	0.	88	0.	87	0.	85	0.	84	0.
273	90	0.	89	0.	88	0.	87	0.	85	0.	84	0.
277	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
280	91	10.00	90	0.	89	0.	87	0.	86	0.	85	0.
284	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
288	94	60.00	91	0.	90	0.	88	0.	87	0.	86	0.
291	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
295	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
298	0	100.00	89	0.	88	0.	87	0.	86	0.	85	0.
302	0	100.00	0	100.00	90	0.	89	0.	88	0.	87	0.
306	0	100.00	90	0.	89	0.	88	0.	87	0.	85	0.
309	92	40.00	90	0.	89	0.	87	0.	86	0.	85	0.
313	91	30.00	90	0.	88	0.	87	0.	86	0.	85	0.
316	91	20.00	90	0.	88	0.	87	0.	86	0.	85	0.
320	91	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
324	91	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
327	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
331	91	0.	89	0.	88	0.	87	0.	86	0.	85	0.
334	91	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
338	91	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
342	91	0.	89	0.	88	0.	87	0.	86	0.	85	0.
345	91	0.	89	0.	88	0.	87	0.	86	0.	85	0.
349	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
352	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
356	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
360	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
AVERAGE SHIELDING		38.40		4.30		0.50		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		90		89		87		86		85

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 55

SHIELDING OF TARGET AT POSITION E
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
6	90	10.00	89	0.	88	0.	87	0.	87	0.	86	0.
9	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
12	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
15	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
18	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
21	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
24	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
27	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
30	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
33	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
36	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
39	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
42	91	20.00	89	0.	88	0.	87	0.	86	0.	86	0.
45	90	10.00	89	0.	88	0.	87	0.	87	0.	86	0.
48	91	20.00	89	0.	88	0.	87	0.	87	0.	86	0.
51	91	30.00	89	0.	88	0.	88	0.	87	0.	86	0.
54	91	40.00	89	0.	89	0.	88	0.	87	0.	86	0.
57	92	70.00	90	0.	89	0.	88	0.	87	0.	86	0.
60	0	100.00	91	40.00	89	0.	88	0.	87	0.	86	0.
63	0	100.00	0	100.00	92	70.00	89	0.	88	0.	87	0.
66	0	100.00	90	10.00	89	0.	88	0.	87	0.	86	0.
69	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
72	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
75	93	80.00	90	0.	89	0.	88	0.	87	0.	86	0.
78	92	40.00	90	0.	89	0.	88	0.	87	0.	86	0.
81	91	30.00	89	0.	88	0.	87	0.	87	0.	86	0.
84	91	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
87	90	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
90	90	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
93	90	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
96	91	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
99	92	50.00	90	0.	89	0.	88	0.	87	0.	86	0.
102	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.

TABLE 15 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
105	92	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
108	0	100.00	91	0.	90	0.	89	0.	88	0.	87	0.
111	92	30.00	91	0.	90	0.	89	0.	88	0.	87	0.
114	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
117	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
120	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
123	0	100.00	89	0.	88	0.	87	0.	86	0.	86	0.
126	0	100.00	91	50.00	89	0.	88	0.	87	0.	86	0.
129	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
132	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
135	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
138	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
141	93	80.00	90	0.	89	0.	88	0.	87	0.	86	0.
144	92	50.00	90	0.	89	0.	88	0.	87	0.	86	0.
147	92	50.00	90	0.	89	0.	88	0.	87	0.	86	0.
150	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
153	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
156	92	60.00	90	0.	89	0.	88	0.	87	0.	86	0.
159	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
162	92	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
165	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
168	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
171	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
174	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
177	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
180	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
183	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
186	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
189	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
192	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
195	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
198	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
201	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
204	92	40.00	90	0.	89	0.	88	0.	87	0.	86	0.

TABLE 15 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
207	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
210	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
213	93	70.00	90	0.	89	0.	88	0.	87	0.	86	0.
216	93	70.00	90	0.	89	0.	88	0.	87	0.	86	0.
219	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
222	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
225	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
228	91	20.00	89	0.	88	0.	87	0.	87	0.	86	0.
231	0	100.00	91	30.00	89	0.	88	0.	87	0.	87	0.
234	0	100.00	92	70.00	89	0.	88	0.	87	0.	87	0.
237	92	60.00	89	0.	88	0.	87	0.	86	0.	85	0.
240	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
243	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
246	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
249	0	100.00	91	0.	90	0.	89	0.	88	0.	87	0.
252	94	90.00	91	0.	90	0.	89	0.	88	0.	87	0.
255	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
258	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
261	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
264	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
267	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
270	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
273	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
276	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
279	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
282	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
285	93	80.00	91	0.	90	0.	89	0.	88	0.	87	0.
288	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
291	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
294	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
297	0	100.00	0	100.00	90	0.	89	0.	88	0.	87	0.
300	92	70.00	90	0.	89	0.	88	0.	87	0.	86	0.
303	91	40.00	90	0.	89	0.	88	0.	87	0.	86	0.
306	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.

TABLE 15 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
309	91	20.00	89	0.	89	0.	88	0.	87	0.	86	0.
312	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
315	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
318	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
321	90	10.00	89	0.	88	0.	87	0.	87	0.	86	0.
324	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
327	90	10.00	89	0.	88	0.	87	0.	87	0.	86	0.
330	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
333	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
336	90	10.00	89	0.	88	0.	87	0.	87	0.	86	0.
339	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
342	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
345	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
348	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
351	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
354	90	10.00	89	0.	88	0.	87	0.	87	0.	86	0.
357	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
360	90	10.00	89	0.	88	0.	87	0.	87	0.	86	0.
AVERAGE SHIELDING		31.83		3.33		0.58		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		90		89		88		87		86

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 5

SHIELDING OF TARGET AT POSITION E
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARSET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
2	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
5	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
7	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
10	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
12	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
15	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
18	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
20	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
23	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
25	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
28	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
30	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
33	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
36	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
38	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
41	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
43	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
46	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
48	91	20.00	89	0.	89	0.	88	0.	87	0.	86	0.
51	91	30.00	89	0.	89	0.	88	0.	87	0.	86	0.
54	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
56	91	40.00	90	0.	89	0.	88	0.	87	0.	86	0.
59	92	60.00	90	0.	89	0.	88	0.	87	0.	86	0.
61	92	80.00	90	10.00	89	0.	88	0.	87	0.	86	0.
64	0	100.00	90	20.00	89	0.	88	0.	87	0.	87	0.
66	0	100.00	0	100.00	92	90.00	89	0.	89	0.	88	0.
69	0	100.00	90	40.00	89	0.	88	0.	87	0.	86	0.
72	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
74	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
77	92	60.00	90	0.	89	0.	89	0.	88	0.	87	0.
79	91	40.00	90	0.	89	0.	88	0.	87	0.	87	0.
82	91	40.00	90	0.	89	0.	88	0.	87	0.	86	0.
84	91	30.00	89	0.	88	0.	88	0.	87	0.	86	0.
87	91	40.00	89	0.	88	0.	87	0.	87	0.	86	0.

TABLE 15 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
90	90	40.00	89	0.	88	0.	87	0.	86	0.	86	0.
92	90	30.00	89	0.	88	0.	87	0.	87	0.	86	0.
95	90	30.00	89	0.	88	0.	88	0.	87	0.	86	0.
97	92	60.00	90	0.	89	0.	88	0.	87	0.	86	0.
100	91	40.00	90	0.	89	0.	88	0.	87	0.	87	0.
102	91	30.00	90	0.	89	0.	88	0.	88	0.	87	0.
105	0	100.00	90	0.	90	0.	89	0.	88	0.	87	0.
108	92	30.00	91	0.	90	0.	89	0.	88	0.	87	0.
110	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
113	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
115	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
118	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
120	0	100.00	0	100.00	90	0.	89	0.	88	0.	87	0.
123	0	100.00	90	0.	89	0.	88	0.	87	0.	87	0.
126	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
128	0	100.00	90	0.	89	0.	88	0.	87	0.	87	0.
131	0	100.00	90	0.	89	0.	88	0.	87	0.	87	0.
133	0	100.00	90	0.	89	0.	88	0.	87	0.	87	0.
136	92	80.00	90	0.	89	0.	88	0.	87	0.	87	0.
138	91	40.00	90	0.	89	0.	88	0.	87	0.	87	0.
141	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
144	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
146	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
149	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
151	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
154	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
156	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
159	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
162	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
164	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
167	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
169	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
172	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
174	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.

TABLE 15 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
177	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
180	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
182	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
185	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
187	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
190	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
192	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
195	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
198	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
200	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
203	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
205	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
208	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
210	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
213	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
216	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
218	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
221	91	30.00	90	0.	89	0.	88	0.	87	0.	87	0.
223	92	50.00	90	0.	89	0.	88	0.	87	0.	87	0.
226	92	80.00	90	0.	89	0.	88	0.	87	0.	87	0.
228	0	100.00	90	0.	89	0.	88	0.	87	0.	87	0.
231	0	100.00	90	0.	89	0.	88	0.	87	0.	87	0.
234	91	40.00	90	0.	89	0.	88	0.	87	0.	86	0.
236	0	100.00	90	10.00	89	0.	88	0.	88	0.	87	0.
239	0	100.00	0	100.00	90	0.	89	0.	88	0.	87	0.
241	0	100.00	89	0.	88	0.	88	0.	87	0.	86	0.
244	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
246	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
249	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
252	93	70.00	91	0.	90	0.	89	0.	89	0.	88	0.
254	92	30.00	90	0.	90	0.	89	0.	88	0.	87	0.
257	91	10.00	90	0.	89	0.	89	0.	88	0.	87	0.
259	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
262	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.

TABLE 15 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
264	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
267	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
270	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
272	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
275	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
277	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
280	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
282	93	70.00	90	0.	90	0.	89	0.	88	0.	87	0.
285	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
288	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
290	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
293	0	100.00	0	100.00	90	0.	89	0.	88	0.	87	0.
295	92	60.00	90	0.	89	0.	88	0.	87	0.	86	0.
298	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
300	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
303	91	20.00	89	0.	89	0.	88	0.	87	0.	86	0.
306	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
308	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
311	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
313	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
316	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
318	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
321	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
324	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
326	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
329	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
331	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
334	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
336	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
339	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
342	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
344	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
347	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
349	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.

TABLE 15 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
352	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
354	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
357	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
360	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
AVERAGE SHIELDING		26.57		3.43		0.64		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		90		89		88		87		86

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

15

TABLE 8

SHIELDING OF TARGET AT POSITION E

RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
4	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
6	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
9	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
11	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
13	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
15	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
18	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
20	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
22	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
24	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
27	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
29	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
31	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
33	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
36	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
38	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
40	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
42	90	10.00	89	0.	89	0.	88	0.	87	0.	87	0.
45	90	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
47	90	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
49	90	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
51	91	30.00	90	0.	89	0.	88	0.	87	0.	87	0.
54	91	30.00	90	0.	89	0.	88	0.	87	0.	87	0.
56	91	30.00	90	0.	89	0.	88	0.	87	0.	87	0.
58	91	50.00	90	10.00	89	0.	88	0.	87	0.	87	0.
60	91	60.00	90	10.00	89	0.	88	0.	87	0.	87	0.
63	91	60.00	90	10.00	89	0.	88	0.	88	0.	87	0.
65	92	70.00	90	10.00	89	0.	88	0.	88	0.	87	0.
67	0	100.00	90	30.00	89	0.	88	0.	88	0.	87	0.
69	0	100.00	0	100.00	0	100.00	89	0.	89	0.	88	0.
72	0	100.00	90	40.00	89	0.	88	0.	88	0.	87	0.
74	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
76	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.

TABLE 15 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
78	92	50.00	90	0.	89	0.	89	0.	88	0.	87	0.
81	91	50.00	90	0.	89	0.	88	0.	88	0.	87	0.
83	91	40.00	90	0.	89	0.	88	0.	87	0.	87	0.
85	90	30.00	89	0.	89	0.	88	0.	87	0.	86	0.
87	90	30.00	89	0.	88	0.	88	0.	87	0.	86	0.
90	90	20.00	89	0.	88	0.	88	0.	87	0.	86	0.
92	90	20.00	89	0.	88	0.	88	0.	87	0.	86	0.
94	90	30.00	89	0.	89	0.	88	0.	87	0.	86	0.
96	91	60.00	90	10.00	89	0.	88	0.	88	0.	87	0.
99	91	40.00	90	0.	89	0.	89	0.	88	0.	87	0.
101	91	30.00	90	0.	89	0.	89	0.	88	0.	87	0.
103	0	100.00	90	0.	90	0.	89	0.	88	0.	88	0.
105	92	30.00	91	0.	90	0.	89	0.	88	0.	88	0.
108	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
110	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
112	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
114	0	100.00	90	0.	89	0.	88	0.	88	0.	87	0.
117	0	100.00	92	90.00	90	0.	89	0.	88	0.	87	0.
119	91	50.00	90	0.	89	0.	88	0.	87	0.	87	0.
121	0	100.00	90	0.	89	0.	88	0.	88	0.	87	0.
123	0	100.00	90	0.	89	0.	89	0.	88	0.	87	0.
126	0	100.00	90	0.	89	0.	89	0.	88	0.	87	0.
128	0	100.00	90	0.	89	0.	89	0.	88	0.	87	0.
130	92	80.00	90	0.	89	0.	88	0.	88	0.	87	0.
132	92	70.00	90	0.	89	0.	88	0.	88	0.	87	0.
135	92	60.00	90	0.	89	0.	88	0.	88	0.	87	0.
137	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
139	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
141	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
144	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
146	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
148	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
150	90	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
153	90	0.	90	0.	89	0.	88	0.	88	0.	87	0.

TABLE 15 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
155	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
157	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
159	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
162	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
164	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
166	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
168	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
171	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
173	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
175	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
177	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
180	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
182	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
184	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
186	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
189	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
191	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
193	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
195	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
198	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
200	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
202	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
204	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
207	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
209	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
211	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
213	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
216	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
218	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
220	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
222	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
225	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
227	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
229	91	40.00	90	0.	89	0.	88	0.	88	0.	87	0.

TABLE 15 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
231	91	40.00	90	0.	89	0.	88	0.	88	0.	87	0.
234	92	70.00	90	0.	89	0.	88	0.	88	0.	87	0.
236	0	100.00	90	0.	89	0.	88	0.	88	0.	87	0.
238	91	30.00	90	0.	89	0.	88	0.	87	0.	87	0.
240	0	100.00	90	0.	89	0.	88	0.	88	0.	87	0.
243	0	100.00	0	100.00	90	0.	89	0.	88	0.	87	0.
245	0	100.00	89	0.	89	0.	88	0.	87	0.	86	0.
247	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
249	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
252	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
254	93	60.00	91	0.	90	0.	89	0.	89	0.	88	0.
256	92	60.00	90	0.	90	0.	89	0.	88	0.	87	0.
258	91	10.00	90	0.	89	0.	89	0.	88	0.	87	0.
261	91	10.00	90	0.	89	0.	89	0.	88	0.	87	0.
263	91	30.00	90	0.	89	0.	88	0.	88	0.	87	0.
265	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
267	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
270	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
272	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
274	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
276	90	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
279	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
281	92	60.00	90	0.	90	0.	89	0.	88	0.	87	0.
283	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
285	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
288	0	100.00	90	0.	89	0.	88	0.	88	0.	87	0.
290	0	100.00	0	100.00	90	0.	89	0.	88	0.	88	0.
292	91	60.00	90	0.	89	0.	88	0.	87	0.	87	0.
294	91	30.00	90	0.	89	0.	88	0.	87	0.	87	0.
297	90	10.00	89	0.	89	0.	88	0.	87	0.	87	0.
299	90	20.00	89	0.	89	0.	88	0.	87	0.	87	0.
301	90	10.00	89	0.	89	0.	88	0.	87	0.	87	0.
303	90	10.00	89	0.	89	0.	88	0.	87	0.	87	0.
306	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.

TABLE 15 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
308	90	10.00	89	0.	89	0.	88	0.	87	0.	87	0.
310	90	10.00	89	0.	89	0.	88	0.	87	0.	87	0.
312	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
315	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
317	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
319	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
321	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
324	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
326	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
328	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
330	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
333	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
335	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
337	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
339	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
342	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
344	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
346	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
348	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
351	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
353	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
355	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
357	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
360	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
AVERAGE SHIELDING		23.31		3.19		0.62		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		90		89		88		88		87

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE-A

TABLE 16

SHIELDING OF TARGET AT POSITION A
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
18	108	60.00	95	0.	89	0.	83	0.	78	0.	72	0.
36	102	40.00	91	0.	86	0.	80	0.	74	0.	69	0.
54	95	20.00	88	0.	82	0.	77	0.	71	0.	66	0.
72	92	0.	86	0.	80	0.	75	0.	70	0.	65	0.
90	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
108	92	0.	86	0.	80	0.	75	0.	70	0.	65	0.
126	93	0.	87	0.	81	0.	76	0.	70	0.	65	0.
144	105	60.00	91	0.	86	0.	80	0.	74	0.	69	0.
162	107	50.00	94	0.	89	0.	83	0.	77	0.	72	0.
180	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
198	108	60.00	94	0.	89	0.	83	0.	77	0.	72	0.
216	104	50.00	91	0.	86	0.	80	0.	74	0.	69	0.
234	93	10.00	87	0.	82	0.	76	0.	71	0.	66	0.
252	92	0.	86	0.	80	0.	75	0.	70	0.	65	0.
270	92	0.	86	0.	80	0.	75	0.	69	0.	65	0.
288	92	0.	86	0.	80	0.	75	0.	70	0.	65	0.
306	95	20.00	88	0.	82	0.	76	0.	71	0.	66	0.
324	103	50.00	91	0.	85	0.	80	0.	74	0.	69	0.
342	108	60.00	95	10.00	89	0.	83	0.	78	0.	72	0.
360	113	80.00	99	30.00	90	0.	85	0.	79	0.	74	0.
AVERAGE SHIELDING		28.00		2.00		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		99		90		84		78		73		68

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 16

SHIELDING OF TARGET AT POSITION A
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
9	104	40.00	101	30.00	97	20.00	93	0.	91	0.	88	0.
18	104	40.00	101	30.00	96	10.00	93	0.	90	0.	88	0.
27	104	40.00	100	30.00	96	10.00	93	0.	90	0.	87	0.
36	105	60.00	100	30.00	96	10.00	93	0.	90	0.	87	0.
45	105	70.00	99	30.00	94	10.00	92	0.	89	0.	86	0.
54	104	80.00	96	20.00	92	0.	89	0.	86	0.	84	0.
63	0	100.00	92	0.	89	0.	86	0.	83	0.	80	0.
72	92	20.00	89	0.	86	0.	83	0.	80	0.	77	0.
81	91	0.	88	0.	85	0.	82	0.	79	0.	77	0.
90	90	0.	87	0.	85	0.	82	0.	79	0.	76	0.
99	91	0.	88	0.	85	0.	82	0.	79	0.	77	0.
108	94	40.00	89	0.	86	0.	83	0.	80	0.	77	0.
117	100	80.00	92	0.	89	0.	86	0.	83	0.	80	0.
126	103	80.00	96	30.00	92	0.	89	0.	86	0.	83	0.
135	104	60.00	98	30.00	94	10.00	91	0.	88	0.	85	0.
144	104	50.00	100	30.00	95	10.00	92	0.	89	0.	86	0.
153	103	40.00	100	30.00	95	10.00	93	0.	90	0.	87	0.
162	104	40.00	99	20.00	96	10.00	93	0.	90	0.	87	0.
171	104	40.00	100	30.00	96	10.00	93	0.	90	0.	87	0.
180	104	40.00	100	30.00	96	10.00	93	0.	90	0.	87	0.
189	104	40.00	100	30.00	96	10.00	93	0.	90	0.	87	0.
198	104	40.00	99	20.00	96	10.00	93	0.	90	0.	87	0.
207	103	40.00	99	20.00	95	10.00	93	0.	90	0.	87	0.
216	104	50.00	100	30.00	95	10.00	92	0.	89	0.	87	0.
225	103	60.00	98	30.00	94	10.00	91	0.	88	0.	85	0.
234	102	60.00	95	20.00	92	0.	89	0.	86	0.	83	0.
243	0	100.00	92	0.	89	0.	86	0.	83	0.	80	0.
252	93	30.00	89	0.	86	0.	83	0.	80	0.	77	0.
261	91	0.	88	0.	85	0.	82	0.	79	0.	77	0.
270	90	0.	87	0.	85	0.	82	0.	79	0.	76	0.
279	91	0.	88	0.	85	0.	82	0.	79	0.	77	0.
288	91	10.00	88	0.	86	0.	83	0.	80	0.	77	0.
297	101	90.00	92	0.	89	0.	86	0.	83	0.	80	0.
306	102	70.00	95	20.00	92	0.	89	0.	86	0.	83	0.

TABLE 16 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
315	103	60.00	97	20.00	94	10.00	91	0.	88	0.	85	0.
324	103	50.00	98	20.00	95	10.00	92	0.	89	0.	86	0.
333	104	40.00	100	30.00	96	10.00	93	0.	90	0.	87	0.
342	104	40.00	101	30.00	96	10.00	93	0.	90	0.	87	0.
351	104	40.00	101	30.00	97	20.00	93	0.	90	0.	88	0.
360	105	50.00	101	30.00	97	20.00	93	0.	91	0.	88	0.
AVERAGE SHIELDING		44.75		17.50		6.25		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		100		96		92		89		86		83

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

AD-A040 173 ARMY ENGINEER WATERWAYS EXPERIMENT STATION VICKSBURG MISS F/G 18/6
ANALYTICAL STUDY OF GROUND-SURFACE SHIELDING CHARACTERISTICS OF--ETC(U)
JUN 74 H W WEST, P L DOIRON, J A PARKS

UNCLASSIFIED WES-TR-M-74-4-VOL-2 NL

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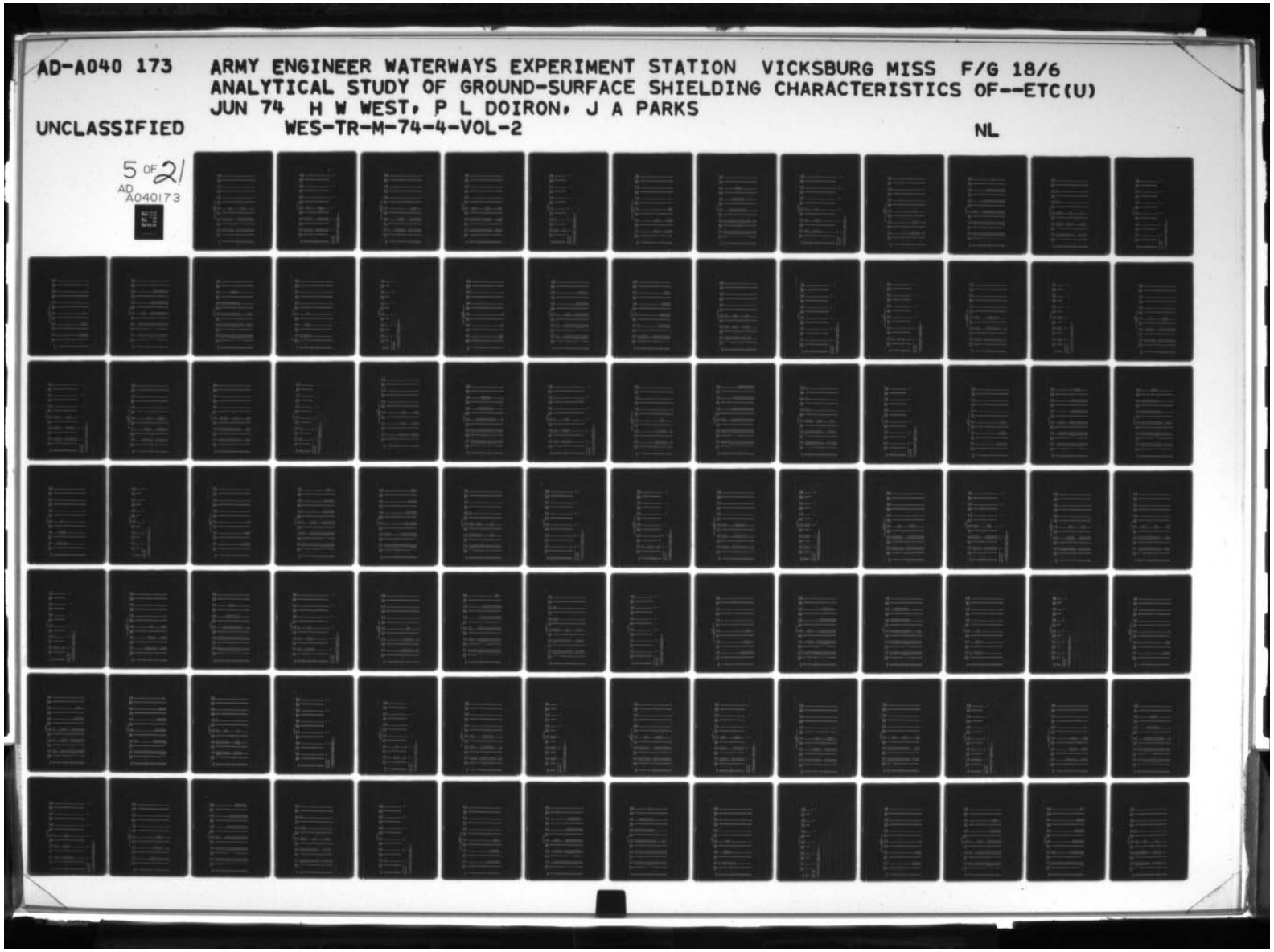

TABLE 16
SHIELDING OF TARGET AT POSITION A
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
6	97	20.00	94	10.00	93	0.	91	0.	89	0.	87	0.
12	96	10.00	94	10.00	93	0.	91	0.	89	0.	87	0.
18	97	10.00	95	0.	93	0.	91	0.	89	0.	87	0.
24	97	10.00	95	10.00	93	0.	91	0.	89	0.	87	0.
30	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
36	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
42	99	30.00	97	20.00	94	10.00	92	0.	90	0.	88	0.
48	99	30.00	96	20.00	94	10.00	92	0.	90	0.	88	0.
54	99	40.00	96	20.00	94	10.00	92	0.	90	0.	88	0.
60	99	50.00	95	20.00	93	10.00	91	0.	89	0.	87	0.
66	98	70.00	94	20.00	91	0.	89	0.	87	0.	86	0.
72	97	60.00	91	0.	89	0.	87	0.	85	0.	83	0.
78	92	40.00	89	0.	87	0.	85	0.	83	0.	81	0.
84	90	0.	88	0.	87	0.	85	0.	83	0.	81	0.
90	90	0.	88	0.	86	0.	85	0.	83	0.	81	0.
96	90	0.	88	0.	86	0.	85	0.	83	0.	81	0.
102	93	50.00	89	0.	87	0.	85	0.	83	0.	81	0.
108	97	80.00	91	10.00	89	0.	87	0.	85	0.	84	0.
114	99	80.00	94	30.00	91	0.	89	0.	88	0.	86	0.
120	99	60.00	96	30.00	93	10.00	91	0.	89	0.	87	0.
126	100	50.00	97	30.00	94	10.00	92	0.	90	0.	88	0.
132	99	40.00	96	20.00	94	10.00	92	0.	90	0.	88	0.
138	99	30.00	97	20.00	94	10.00	92	0.	90	0.	88	0.
144	98	20.00	96	10.00	94	10.00	92	0.	90	0.	88	0.
150	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
156	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
162	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
168	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
174	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
180	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
186	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
192	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
198	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
204	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
210	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
216	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
222	99	30.00	96	20.00	94	10.00	92	0.	90	0.	88	0.
228	99	30.00	96	20.00	94	10.00	92	0.	90	0.	88	0.
234	99	40.00	96	30.00	93	10.00	92	0.	90	0.	88	0.
240	99	50.00	96	30.00	93	10.00	91	0.	89	0.	87	0.
246	98	60.00	94	20.00	91	0.	89	0.	87	0.	86	0.
252	0	100.00	91	10.00	89	0.	87	0.	85	0.	84	0.
258	93	50.00	89	0.	87	0.	85	0.	83	0.	81	0.
264	90	0.	88	0.	86	0.	85	0.	83	0.	81	0.
270	90	0.	88	0.	86	0.	84	0.	83	0.	81	0.
276	90	0.	88	0.	86	0.	85	0.	83	0.	81	0.
282	93	50.00	89	0.	87	0.	85	0.	83	0.	81	0.
288	97	90.00	91	0.	89	0.	87	0.	85	0.	83	0.
294	98	60.00	93	10.00	91	0.	89	0.	87	0.	85	0.
300	99	50.00	95	20.00	93	10.00	91	0.	89	0.	87	0.
306	99	40.00	96	20.00	94	10.00	92	0.	90	0.	88	0.
312	99	30.00	96	20.00	94	10.00	92	0.	90	0.	88	0.
318	99	30.00	96	20.00	94	10.00	92	0.	90	0.	88	0.
324	98	20.00	96	10.00	94	10.00	92	0.	90	0.	88	0.
330	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
336	97	20.00	95	10.00	93	0.	91	0.	89	0.	87	0.
342	97	10.00	95	10.00	93	0.	91	0.	89	0.	87	0.
348	96	10.00	94	10.00	93	0.	91	0.	89	0.	87	0.
354	97	20.00	94	10.00	93	0.	91	0.	89	0.	87	0.
360	97	20.00	94	10.00	92	0.	91	0.	89	0.	87	0.
AVERAGE SHIELDING		31.83		11.83		3.00		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		97		94		92		90		88		86

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 16

SHIELDING OF TARGET AT POSITION A
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
4	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
9	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
13	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
18	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
22	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
27	94	0.	93	0.	91	0.	90	0.	89	0.	87	0.
31	94	0.	93	0.	91	0.	90	0.	89	0.	87	0.
36	94	10.00	93	0.	92	0.	90	0.	89	0.	87	0.
40	95	10.00	93	0.	92	0.	90	0.	89	0.	87	0.
45	95	10.00	94	0.	92	0.	91	0.	89	0.	88	0.
49	95	10.00	94	10.00	93	0.	91	0.	90	0.	88	0.
54	96	20.00	94	10.00	93	0.	91	0.	90	0.	88	0.
58	96	30.00	94	10.00	92	0.	91	0.	90	0.	88	0.
63	96	30.00	94	20.00	92	0.	91	0.	89	0.	88	0.
67	96	50.00	94	20.00	92	0.	90	0.	89	0.	88	0.
72	95	50.00	92	20.00	90	0.	89	0.	88	0.	86	0.
76	95	90.00	91	0.	89	0.	88	0.	86	0.	85	0.
81	91	30.00	89	0.	87	0.	86	0.	85	0.	83	0.
85	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
90	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
94	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
99	91	20.00	89	0.	88	0.	86	0.	85	0.	83	0.
103	96	90.00	91	10.00	89	0.	88	0.	87	0.	85	0.
108	96	60.00	93	30.00	91	0.	89	0.	88	0.	87	0.
112	97	60.00	95	30.00	92	10.00	91	0.	89	0.	88	0.
117	97	50.00	95	30.00	93	10.00	91	0.	90	0.	89	0.
121	97	40.00	95	30.00	93	10.00	92	0.	90	0.	89	0.
126	97	30.00	95	20.00	93	10.00	92	0.	90	0.	89	0.
130	96	20.00	95	10.00	93	10.00	92	0.	90	0.	89	0.
135	96	20.00	94	10.00	93	0.	92	0.	90	0.	89	0.
139	96	10.00	94	10.00	93	0.	91	0.	90	0.	89	0.
144	96	10.00	94	10.00	93	0.	92	0.	90	0.	89	0.
148	97	20.00	95	10.00	93	0.	92	0.	91	0.	89	0.
153	99	60.00	95	10.00	94	0.	92	0.	91	0.	90	0.

TABLE 16 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
157	98	30.00	96	10.00	94	0.	93	0.	91	0.	90	0.
162	99	60.00	96	10.00	94	0.	93	0.	92	0.	90	0.
166	99	50.00	96	10.00	95	10.00	93	0.	92	0.	90	0.
171	100	60.00	96	10.00	95	10.00	93	0.	92	0.	91	0.
175	100	60.00	96	10.00	95	10.00	93	0.	92	0	91	0.
180	100	60.00	96	10.00	95	10.00	93	0.	92	0.	91	0.
184	101	90.00	96	10.00	95	10.00	93	0.	92	0.	90	0.
189	0	100.00	96	10.00	95	10.00	93	0.	92	0.	90	0.
193	100	90.00	96	10.00	94	0.	93	0.	91	0.	90	0.
198	0	100.00	95	10.00	94	0.	92	0.	91	0.	90	0.
202	97	30.00	95	10.00	93	0.	92	0.	91	0.	89	0.
207	96	20.00	94	10.00	93	0.	92	0.	90	0.	89	0.
211	96	10.00	94	0.	93	0.	91	0.	90	0.	88	0.
216	95	10.00	94	0.	92	0.	91	0.	90	0.	88	0.
220	95	10.00	94	10.00	92	0.	91	0.	89	0.	88	0.
225	96	20.00	94	10.00	92	0.	91	0.	90	0.	88	0.
229	96	20.00	94	10.00	93	0.	91	0.	90	0.	88	0.
234	96	30.00	94	10.00	93	10.00	91	0.	90	0.	88	0.
238	96	30.00	95	20.00	93	10.00	91	0.	90	0.	88	0.
243	97	40.00	94	20.00	92	10.00	91	0.	90	0.	88	0.
247	97	50.00	94	30.00	92	10.00	91	0.	89	0.	88	0.
252	96	60.00	93	20.00	91	0.	89	0.	88	0.	86	0.
256	0	100.00	91	10.00	89	0.	88	0.	86	0.	85	0.
261	92	50.00	89	0.	87	0.	86	0.	85	0.	83	0.
265	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
270	90	0.	88	0.	87	0.	86	0.	84	0.	83	0.
274	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
279	92	50.00	89	0.	87	0.	86	0.	85	0.	83	0.
283	95	90.00	91	10.00	89	0.	88	0.	86	0.	85	0.
288	96	60.00	92	20.00	91	0.	89	0.	88	0.	86	0.
292	96	50.00	94	20.00	92	10.00	90	0.	89	0.	88	0.
297	97	40.00	94	20.00	93	10.00	91	0.	90	0.	88	0.
301	96	30.00	95	20.00	93	10.00	91	0.	90	0.	89	0.
306	96	20.00	94	10.00	93	0.	91	0.	90	0.	89	0.

TABLE 16 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
310	96	20.00	94	10.00	93	0.	91	0.	90	0.	88	0.
315	95	10.00	94	10.00	92	0.	91	0.	89	0.	88	0.
319	95	10.00	93	0.	92	0.	90	0.	89	0.	87	0.
324	94	10.00	93	0.	92	0.	90	0.	89	0.	87	0.
328	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
333	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
337	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
342	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
346	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
351	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
355	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
360	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
AVERAGE SHIELDING		30.50		8.50		2.25		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		95		93		92		90		89		87

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 16

SHIELDING OF TARGET AT POSITION A

RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARSET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
7	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
10	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
14	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
18	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
21	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
25	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
28	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
32	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
36	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
39	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
43	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
46	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
50	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
54	94	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
57	94	10.00	93	0.	92	0.	90	0.	89	0.	88	0.
61	94	20.00	93	10.00	92	0.	91	0.	89	0.	88	0.
64	94	20.00	93	10.00	92	0.	91	0.	89	0.	88	0.
68	95	30.00	93	20.00	92	0.	90	0.	89	0.	88	0.
72	94	40.00	93	20.00	91	0.	90	0.	89	0.	88	0.
75	95	70.00	92	30.00	90	0.	89	0.	88	0.	87	0.
79	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
82	90	0.	89	0.	88	0.	87	0.	86	0.	84	0.
86	90	0.	89	0.	88	0.	87	0.	85	0.	84	0.
90	90	0.	89	0.	88	0.	87	0.	85	0.	84	0.
93	90	0.	89	0.	88	0.	87	0.	85	0.	84	0.
97	90	10.00	89	0.	88	0.	87	0.	86	0.	84	0.
100	94	90.00	91	10.00	89	0.	88	0.	87	0.	86	0.
104	95	70.00	93	30.00	91	0.	90	0.	88	0.	87	0.
108	0	100.00	94	40.00	92	20.00	91	0.	90	0.	89	0.
111	96	50.00	94	30.00	93	20.00	91	0.	90	0.	89	0.
115	96	40.00	94	30.00	92	10.00	91	0.	90	0.	89	0.
118	95	30.00	94	20.00	93	10.00	91	0.	90	0.	89	0.
122	95	30.00	94	20.00	92	10.00	91	0.	90	0.	89	0.

TABLE 16 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
126	95	20.00	93	10.00	92	0.	91	0.	90	0.	89	0.
129	94	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
133	95	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
136	95	10.00	94	10.00	93	0.	91	0.	90	0.	89	0.
140	95	10.00	94	10.00	93	0.	92	0.	91	0.	90	0.
144	0	100.00	95	10.00	94	10.00	93	0.	92	0.	90	0.
147	0	100.00	95	10.00	94	10.00	93	0.	92	0.	91	0.
151	0	100.00	96	10.00	95	10.00	94	0.	93	0.	92	0.
154	0	100.00	97	10.00	95	10.00	94	10.00	93	0.	92	0.
158	0	100.00	97	20.00	96	10.00	95	10.00	94	0.	92	0.
162	0	100.00	98	40.00	96	10.00	95	10.00	94	0.	93	0.
165	0	100.00	99	40.00	97	10.00	95	10.00	94	0.	93	0.
169	0	100.00	100	60.00	97	10.00	96	10.00	95	10.00	93	0.
172	0	100.00	100	70.00	97	20.00	96	10.00	95	10.00	94	0.
176	0	100.00	100	60.00	97	10.00	96	10.00	95	10.00	94	0.
180	0	100.00	100	70.00	97	20.00	96	10.00	95	10.00	94	0.
183	0	100.00	100	60.00	97	10.00	96	10.00	95	10.00	94	0.
187	0	100.00	100	80.00	97	20.00	96	10.00	95	10.00	94	0.
190	0	100.00	100	70.00	97	10.00	96	10.00	94	0.	93	0.
194	0	100.00	99	60.00	96	10.00	95	10.00	94	0.	93	0.
198	0	100.00	99	60.00	96	10.00	95	10.00	94	0.	93	0.
201	0	100.00	97	30.00	95	10.00	94	0.	93	0.	92	0.
205	0	100.00	97	30.00	95	10.00	94	0.	93	0.	92	0.
208	0	100.00	96	10.00	95	10.00	93	0.	92	0.	91	0.
212	0	100.00	95	10.00	94	0.	93	0.	92	0.	91	0.
216	0	100.00	95	10.00	93	0.	92	0.	91	0.	90	0.
219	97	60.00	94	10.00	93	0.	92	0.	91	0.	89	0.
223	95	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
226	94	10.00	93	0.	92	0.	91	0.	90	0.	89	0.
230	94	10.00	93	0.	92	0.	91	0.	90	0.	88	0.
234	94	10.00	93	10.00	92	0.	91	0.	89	0.	88	0.
237	95	20.00	93	10.00	92	0.	91	0.	90	0.	89	0.
241	95	20.00	93	10.00	92	0.	91	0.	90	0.	89	0.
244	95	30.00	94	20.00	92	10.00	91	0.	90	0.	89	0.

TABLE 16 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
248	95	40.00	94	30.00	92	10.00	91	0.	90	0.	89	0.
252	96	60.00	93	30.00	92	10.00	90	0.	89	0.	88	0.
255	94	60.00	92	30.00	90	0.	89	0.	88	0.	87	0.
259	93	50.00	90	0.	89	0.	88	0.	87	0.	86	0.
262	90	10.00	89	0.	88	0.	87	0.	86	0.	84	0.
266	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
270	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
273	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
277	90	10.00	89	0.	88	0.	87	0.	85	0.	84	0.
280	93	70.00	90	0.	89	0.	88	0.	87	0.	86	0.
284	94	60.00	92	30.00	90	0.	89	0.	88	0.	87	0.
288	96	70.00	93	30.00	91	10.00	90	0.	89	0.	88	0.
291	95	40.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
295	95	30.00	94	20.00	92	0.	91	0.	90	0.	89	0.
298	95	20.00	93	10.00	92	0.	91	0.	90	0.	89	0.
302	94	10.00	93	10.00	92	0.	91	0.	90	0.	88	0.
306	94	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
309	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
313	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
316	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
320	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
324	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
327	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
331	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
334	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
338	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
342	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
345	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
349	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
352	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
356	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
360	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
AVERAGE SHIELDING		36.00		14.20		3.40		1.30		0.60		0.
AVERAGE TARGET CONTACT ANGLE		93		93		92		91		90		88

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 16

SHIELDING OF TARGET AT POSITION A
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
6	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
9	92	0.	91	0.	91	0.	90	0.	89	0	88	0.
12	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
15	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
18	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
21	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
24	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
27	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
30	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
33	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
36	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
39	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
42	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
45	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
48	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
51	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
54	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
57	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
60	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
63	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
66	94	20.00	92	10.00	91	0.	90	0.	89	0.	89	0.
69	94	20.00	92	10.00	91	0.	90	0.	89	0.	89	0.
72	94	40.00	93	20.00	91	10.00	90	0.	89	0.	88	0.
75	95	80.00	93	30.00	91	10.00	90	0.	89	0.	88	0.
78	94	80.00	92	30.00	90	0.	89	0.	88	0.	87	0.
81	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
84	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
87	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
90	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
93	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
96	90	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
99	93	60.00	90	10.00	90	0.	89	0.	88	0.	87	0.
102	94	70.00	92	30.00	91	0.	90	0.	89	0.	88	0.

TABLE 16 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
105	0	100.00	93	40.00	92	20.00	91	0.	90	0.	89	0.
108	95	40.00	93	30.00	92	20.00	91	0.	90	0.	89	0.
111	95	40.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
114	94	30.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
117	94	20.00	93	10.00	92	10.00	91	0.	90	0.	89	0.
120	94	20.00	93	10.00	92	0.	91	0.	90	0.	89	0.
123	94	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
126	94	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
129	94	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
132	0	100.00	94	10.00	93	0.	92	0.	91	0.	90	0.
135	0	100.00	94	10.00	93	10.00	92	0.	92	0.	91	0.
138	0	100.00	96	30.00	94	10.00	93	10.00	92	0.	91	0.
141	0	100.00	97	50.00	95	10.00	94	10.00	93	0.	92	0.
144	0	100.00	98	70.00	95	10.00	94	10.00	94	0.	93	0.
147	0	100.00	99	90.00	96	10.00	95	10.00	94	10.00	93	0.
150	0	100.00	100	90.00	96	10.00	95	10.00	95	10.00	94	0.
153	0	100.00	0	100.00	97	20.00	96	10.00	95	10.00	94	0.
156	0	100.00	0	100.00	97	20.00	96	10.00	95	10.00	94	0.
159	0	100.00	100	80.00	97	20.00	96	10.00	95	10.00	94	0.
162	0	100.00	100	70.00	97	20.00	96	10.00	95	10.00	94	0.
165	0	100.00	100	60.00	97	20.00	96	10.00	95	10.00	94	0.
168	0	100.00	99	50.00	98	20.00	96	10.00	95	10.00	94	10.00
171	0	100.00	99	50.00	98	20.00	96	10.00	95	10.00	94	10.00
174	0	100.00	99	50.00	98	20.00	96	10.00	95	10.00	94	0.
177	0	100.00	99	40.00	98	20.00	96	10.00	95	10.00	94	0.
180	0	100.00	99	50.00	98	20.00	96	10.00	95	10.00	94	0.
183	0	100.00	99	50.00	98	20.00	96	10.00	95	10.00	94	0.
186	0	100.00	100	60.00	98	20.00	96	10.00	95	10.00	94	0.
189	0	100.00	100	60.00	98	20.00	96	10.00	95	10.00	94	0.
192	0	100.00	100	70.00	97	20.00	96	10.00	95	10.00	94	0.
195	0	100.00	100	90.00	98	30.00	96	10.00	95	10.00	94	0.
198	0	100.00	0	100.00	98	40.00	96	10.00	95	10.00	94	0.
201	0	100.00	0	100.00	98	50.00	96	10.00	95	10.00	94	0.
204	0	100.00	0	100.00	98	60.00	96	10.00	95	10.00	94	0.

TABLE 16 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
207	0	100.00	0	100.00	98	60.00	96	10.00	95	10.00	94	0.
210	0	100.00	0	100.00	97	50.00	95	10.00	94	10.00	93	0.
213	0	100.00	0	100.00	96	30.00	95	10.00	94	0.	93	0.
216	0	100.00	0	100.00	95	10.00	94	10.00	93	0.	92	0.
219	0	100.00	97	60.00	94	10.00	94	0.	93	0.	92	0.
222	0	100.00	95	10.00	94	10.00	93	0.	92	0.	91	0.
225	0	100.00	94	10.00	93	0.	92	0.	91	0.	90	0.
228	0	100.00	94	10.00	93	0.	92	0.	91	0.	90	0.
231	96	70.00	93	0.	92	0.	91	0.	90	0.	89	0.
234	94	10.00	93	0.	92	0.	91	0.	90	0.	89	0.
237	93	10.00	92	0.	91	0.	90	0.	90	0.	89	0.
240	93	10.00	92	10.00	91	0.	90	0.	89	0.	89	0.
243	94	20.00	93	10.00	92	0.	91	0.	90	0.	89	0.
246	94	20.00	93	10.00	92	0.	91	0.	90	0.	89	0.
249	94	30.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
252	94	40.00	93	30.00	92	10.00	91	0.	90	0.	89	0.
255	95	60.00	93	40.00	92	20.00	90	0.	89	0.	88	0.
258	0	100.00	92	30.00	90	0.	89	0.	88	0.	87	0.
261	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
264	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
267	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
270	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
273	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
276	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
279	92	60.00	90	0.	89	0.	88	0.	87	0.	86	0.
282	94	60.00	92	30.00	90	0.	89	0.	88	0.	87	0.
285	0	100.00	93	30.00	91	20.00	90	0.	89	0.	88	0.
288	94	40.00	93	30.00	92	10.00	91	0.	90	0.	89	0.
291	94	30.00	93	20.00	92	0.	91	0.	90	0.	89	0.
294	94	20.00	92	10.00	92	0.	91	0.	90	0.	89	0.
297	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
300	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
303	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
306	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.

TABLE 16 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
309	92	0,	92	0,	91	0,	90	0,	89	0,	88	0,
312	92	0,	92	0,	91	0,	90	0,	89	0,	88	0,
315	92	0,	91	0,	91	0,	90	0,	89	0,	88	0,
318	92	0,	91	0,	91	0,	90	0,	89	0,	88	0,
321	92	0,	91	0,	90	0,	90	0,	89	0,	88	0,
324	92	0,	91	0,	90	0,	90	0,	89	0,	88	0,
327	92	0,	91	0,	90	0,	90	0,	89	0,	88	0,
330	92	0,	91	0,	90	0,	90	0,	89	0,	88	0,
333	92	0,	91	0,	90	0,	90	0,	89	0,	88	0,
336	92	0,	91	0,	90	0,	90	0,	89	0,	88	0,
339	92	0,	91	0,	90	0,	89	0,	89	0,	88	0,
342	92	0,	91	0,	90	0,	90	0,	89	0,	88	0,
345	92	0,	91	0,	90	0,	90	0,	89	0,	88	0,
348	92	0,	91	0,	90	0,	90	0,	89	0,	88	0,
351	92	0,	91	0,	90	0,	90	0,	89	0,	88	0,
354	92	0,	91	0,	90	0,	90	0,	89	0,	88	0,
357	92	0,	91	0,	90	0,	90	0,	89	0,	88	0,
360	92	0,	91	0,	90	0,	90	0,	89	0,	88	0,
AVERAGE SHIELDING		40,50		22,42		7,08		2,25		1,83		0,17
AVERAGE TARGET CONTACT ANGLE		93		93		92		91		90		89

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 16

SHIELDING OF TARGET AT POSITION A
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
2	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
5	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
7	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
10	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
12	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
15	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
18	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
20	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
23	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
25	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
28	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
30	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
33	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
36	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
38	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
41	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
43	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
46	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
48	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
51	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
54	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
56	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
59	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
61	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
64	92	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
66	93	10.00	92	0.	91	0.	90	0.	89	0.	89	0.
69	93	20.00	92	10.00	91	0.	90	0.	90	0.	89	0.
72	93	30.00	92	10.00	91	0.	90	0.	89	0.	89	0.
74	94	40.00	92	30.00	91	10.00	90	0.	89	0.	89	0.
77	93	50.00	92	30.00	91	10.00	90	0.	89	0.	88	0.
79	0	100.00	92	30.00	90	0.	89	0.	89	0.	88	0.
82	0	100.00	90	10.00	89	0.	89	0.	88	0.	87	0.
84	91	50.00	89	0.	89	0.	88	0.	87	0.	86	0.
87	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.

TABLE 16 (CON.).

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
90	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
92	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
95	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
97	93	70.00	90	10.00	89	0.	89	0.	88	0.	87	0.
100	0	100.00	92	30.00	90	0.	90	0.	89	0.	88	0.
102	94	90.00	92	30.00	91	10.00	90	0.	90	0.	89	0.
105	94	50.00	93	30.00	92	20.00	91	0.	90	0.	89	0.
108	94	30.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
110	94	30.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
113	93	20.00	92	10.00	92	10.00	91	0.	90	0.	89	0.
115	93	10.00	92	10.00	91	0.	91	0.	90	0.	89	0.
118	93	10.00	92	10.00	91	0.	91	0.	90	0.	89	0.
120	93	10.00	92	10.00	92	0.	91	0.	90	0.	89	0.
123	93	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
126	0	100.00	93	10.00	92	0.	92	0.	91	0.	90	0.
128	0	100.00	95	60.00	93	10.00	93	0.	92	0.	91	0.
131	0	100.00	0	100.00	94	10.00	93	10.00	92	0.	92	0.
133	0	100.00	0	100.00	95	20.00	94	10.00	93	0.	92	0.
136	0	100.00	0	100.00	95	20.00	94	10.00	93	10.00	93	0.
138	0	100.00	0	100.00	96	40.00	95	10.00	94	10.00	93	0.
141	0	100.00	0	100.00	97	40.00	95	10.00	94	10.00	93	0.
144	0	100.00	0	100.00	97	30.00	95	10.00	94	10.00	94	0.
146	0	100.00	98	70.00	96	20.00	95	10.00	95	10.00	94	0.
149	0	100.00	98	50.00	98	10.00	95	10.00	95	10.00	94	0.
151	100	90.00	98	40.00	96	10.00	95	10.00	95	10.00	94	0.
154	99	70.00	98	30.00	96	10.00	95	10.00	95	10.00	94	0.
156	99	60.00	97	20.00	96	10.00	95	10.00	95	10.00	94	0.
159	99	50.00	97	10.00	96	10.00	95	10.00	95	10.00	94	0.
162	99	40.00	97	10.00	96	10.00	95	10.00	95	10.00	94	0.
164	98	30.00	97	10.00	96	10.00	95	10.00	95	10.00	94	0.
167	98	30.00	97	10.00	96	10.00	95	10.00	95	10.00	94	0.
169	98	20.00	97	10.00	96	10.00	95	10.00	94	10.00	94	0.
172	98	20.00	97	10.00	96	10.00	95	10.00	94	10.00	94	0.
174	98	20.00	97	10.00	96	10.00	95	10.00	94	0.	94	0.

TABLE 16 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
177	98	20.00	97	10.00	96	10.00	95	10.00	94	0.	94	0.
180	98	20.00	97	10.00	96	10.00	95	10.00	94	0.	93	0.
182	98	20.00	97	10.00	96	10.00	95	10.00	94	0.	93	0.
185	98	20.00	97	10.00	96	10.00	95	10.00	94	0.	93	0.
187	98	20.00	97	10.00	96	10.00	95	10.00	94	0.	93	0.
190	98	30.00	97	10.00	96	10.00	95	10.00	94	0.	93	0.
192	98	40.00	97	10.00	96	10.00	95	10.00	94	0.	94	0.
195	99	50.00	97	10.00	96	10.00	95	10.00	94	0.	94	0.
198	99	60.00	97	20.00	96	10.00	95	10.00	94	0.	94	0.
200	99	70.00	97	30.00	96	10.00	95	10.00	94	0.	94	0.
203	100	90.00	98	50.00	96	10.00	95	10.00	95	10.00	94	0.
205	0	100.00	98	60.00	96	20.00	95	10.00	95	10.00	94	0.
208	0	100.00	99	80.00	97	30.00	95	10.00	95	10.00	94	0.
210	0	100.00	99	90.00	97	40.00	95	10.00	95	10.00	94	0.
213	0	100.00	0	100.00	97	50.00	95	10.00	94	10.00	94	0.
216	0	100.00	0	100.00	97	60.00	95	10.00	94	10.00	94	0.
218	0	100.00	0	100.00	97	70.00	95	10.00	94	10.00	93	0.
221	0	100.00	0	100.00	96	50.00	94	10.00	94	10.00	93	0.
223	0	100.00	0	100.00	95	20.00	94	10.00	93	0.	92	0.
226	0	100.00	97	80.00	94	10.00	93	10.00	93	0.	92	0.
228	0	100.00	95	40.00	94	10.00	93	0.	92	0.	91	0.
231	0	100.00	94	10.00	93	0.	92	0.	91	0.	91	0.
234	0	100.00	93	10.00	92	0.	92	0.	91	0.	90	0.
236	0	100.00	93	10.00	92	0.	91	0.	90	0.	89	0.
239	95	90.00	92	0.	91	0.	91	0.	90	0.	89	0.
241	93	10.00	92	0.	91	0.	90	0.	90	0.	89	0.
244	93	10.00	92	0.	91	0.	90	0.	90	0.	89	0.
246	93	20.00	92	10.00	92	0.	91	0.	90	0.	89	0.
249	94	30.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
252	94	30.00	93	20.00	91	10.00	91	0.	90	0.	89	0.
254	94	50.00	93	30.00	92	20.00	91	0.	90	0.	89	0.
257	94	80.00	93	40.00	91	20.00	90	0.	89	0.	89	0.
259	0	100.00	92	30.00	90	0.	89	0.	89	0.	88	0.
262	92	60.00	90	0.	89	0.	88	0.	87	0.	86	0.

TABLE 16 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
264	90	10.00	89	0.	88	0.	87	0.	87	0.	86	0.
267	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
270	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
272	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
275	90	30.00	89	0.	88	0.	87	0.	87	0.	87	0.
277	93	90.00	90	0.	89	0.	88	0.	88	0.	87	0.
280	0	100.00	91	30.00	90	0.	89	0.	88	0.	88	0.
282	0	100.00	93	40.00	91	20.00	90	0.	89	0.	89	0.
285	94	50.00	93	30.00	92	20.00	90	0.	90	0.	89	0.
288	94	30.00	92	20.00	91	10.00	91	0.	90	0.	89	0.
290	93	20.00	92	10.00	91	0.	90	0.	90	0.	89	0.
293	92	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
295	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
298	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
300	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
303	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
306	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
308	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
311	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
313	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
316	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
318	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
321	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
324	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
326	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
329	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
331	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
334	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
336	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
339	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
342	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
344	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
347	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
349	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.

TABLE 16 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
352	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
354	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
357	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
360	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
AVERAGE SHIELDING		35.14		18.57		6.86		2.71		1.64		0.
AVERAGE TARGET CONTACT ANGLE		93		93		92		91		90		90

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 16

SHIELDING OF TARGET AT POSITION A

RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
4	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
6	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
9	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
11	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
13	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
15	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
18	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
20	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
22	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
24	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
27	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
29	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
31	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
33	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
36	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
38	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
40	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
42	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
45	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
47	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
49	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
51	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
54	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
56	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
58	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
60	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
63	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
65	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
67	92	10.00	91	0.	91	0.	90	0.	89	0.	89	0.
69	92	10.00	92	0.	91	0.	90	0.	89	0.	89	0.
72	93	20.00	92	10.00	91	0.	90	0.	90	0.	89	0.
74	93	30.00	92	20.00	91	10.00	90	0.	90	0.	89	0.
76	93	50.00	92	30.00	91	10.00	90	0.	90	0.	89	0.

TABLE 16 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
78	94	90.00	92	40.00	91	20.00	90	0.	89	0.	89	0.
81	0	100.00	92	40.00	90	10.00	90	0.	89	0.	88	0.
83	0	100.00	90	20.00	90	0.	89	0.	88	0.	87	0.
85	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
87	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
90	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
92	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
94	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
96	0	100.00	90	10.00	89	0.	89	0.	88	0.	87	0.
99	0	100.00	92	40.00	90	10.00	90	0.	89	0.	88	0.
101	94	60.00	92	30.00	91	10.00	90	0.	90	0.	89	0.
103	93	40.00	92	30.00	91	10.00	91	0.	90	0.	89	0.
105	94	40.00	93	30.00	91	10.00	91	0.	90	0.	89	0.
108	93	30.00	92	20.00	91	10.00	91	0.	90	0.	89	0.
110	93	20.00	92	10.00	91	10.00	91	0.	90	0.	89	0.
112	93	10.00	92	10.00	91	0.	90	0.	90	0.	89	0.
114	93	10.00	92	10.00	91	0.	90	0.	90	0.	89	0.
117	93	10.00	92	10.00	91	0.	91	0.	90	0.	89	0.
119	94	80.00	92	10.00	92	0.	91	0.	90	0.	89	0.
121	0	100.00	93	10.00	92	0.	92	0.	91	0.	90	0.
123	0	100.00	94	30.00	93	10.00	92	0.	91	0.	91	0.
126	0	100.00	0	100.00	94	10.00	93	10.00	92	0.	91	0.
128	0	100.00	0	100.00	94	30.00	93	10.00	93	0.	92	0.
130	0	100.00	0	100.00	95	50.00	94	10.00	93	10.00	92	0.
132	0	100.00	0	100.00	97	80.00	94	10.00	94	10.00	93	0.
135	0	100.00	0	100.00	97	70.00	95	10.00	94	10.00	93	0.
137	0	100.00	0	100.00	96	40.00	95	10.00	94	10.00	93	0.
139	0	100.00	97	70.00	96	20.00	95	10.00	94	10.00	93	0.
141	0	100.00	97	50.00	95	10.00	95	10.00	94	10.00	93	0.
144	98	80.00	97	30.00	95	10.00	95	10.00	94	10.00	93	0.
146	98	50.00	96	10.00	95	10.00	95	10.00	94	10.00	93	0.
148	97	40.00	96	10.00	95	10.00	95	10.00	94	10.00	93	0.
150	96	10.00	96	10.00	95	10.00	94	10.00	94	0.	93	0.
153	96	10.00	95	10.00	95	10.00	94	0.	93	0.	92	0.

TABLE 16 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
155	96	10.00	95	10.00	94	10.00	94	0.	93	0.	92	0.
157	96	10.00	95	10.00	94	0.	93	0.	93	0.	92	0.
159	95	10.00	95	10.00	94	0.	93	0.	92	0.	92	0.
162	95	10.00	94	0.	94	0.	93	0.	92	0.	92	0.
164	95	10.00	94	0.	94	0.	93	0.	92	0.	91	0.
166	95	10.00	94	0.	93	0.	93	0.	92	0.	91	0.
168	95	10.00	94	0.	93	0.	93	0.	92	0.	91	0.
171	95	10.00	94	0.	93	0.	93	0.	92	0.	91	0.
173	95	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
175	95	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
177	95	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
180	95	0.	94	0.	93	0.	92	0.	92	0.	91	0.
182	94	0.	94	0.	93	0.	92	0.	92	0.	91	0.
184	94	0.	94	0.	93	0.	92	0.	92	0.	91	0.
186	94	0.	94	0.	93	0.	92	0.	92	0.	91	0.
189	94	0.	94	0.	93	0.	92	0.	92	0.	91	0.
191	95	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
193	95	10.00	94	0.	93	0.	93	0.	92	0.	91	0.
195	95	10.00	94	0.	93	0.	93	0.	92	0.	91	0.
198	95	10.00	94	0.	94	0.	93	0.	92	0.	91	0.
200	95	10.00	95	0.	94	0.	93	0.	92	0.	92	0.
202	96	10.00	95	10.00	94	0.	93	0.	93	0.	92	0.
204	96	10.00	95	10.00	94	0.	94	0.	93	0.	92	0.
207	96	10.00	95	10.00	95	10.00	94	0.	93	0.	93	0.
209	97	40.00	96	10.00	95	10.00	94	0.	94	0.	93	0.
211	98	60.00	96	20.00	95	10.00	94	10.00	94	0.	93	0.
213	98	80.00	97	40.00	95	10.00	95	10.00	94	0.	93	0.
216	0	100.00	97	50.00	96	20.00	95	10.00	94	10.00	93	0.
218	0	100.00	97	70.00	96	30.00	95	10.00	94	10.00	93	0.
220	0	100.00	98	90.00	96	40.00	95	10.00	94	10.00	93	0.
222	0	100.00	0	100.00	96	50.00	95	10.00	94	10.00	93	0.
225	0	100.00	0	100.00	96	60.00	94	10.00	94	10.00	93	0.
227	0	100.00	0	100.00	96	60.00	94	10.00	93	10.00	93	0.
229	0	100.00	97	90.00	94	20.00	93	10.00	93	0.	92	0.

TABLE 16 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
231	0	100.00	96	80.00	94	10.00	93	0.	92	0.	92	0.
234	0	100.00	95	50.00	93	10.00	92	0.	92	0.	91	0.
236	0	100.00	94	20.00	93	10.00	92	0.	91	0.	91	0.
238	0	100.00	93	10.00	92	0.	92	0.	91	0.	90	0.
240	0	100.00	92	10.00	92	0.	91	0.	90	0.	90	0.
243	0	100.00	92	0.	91	0.	91	0.	90	0.	89	0.
245	92	10.00	92	0.	91	0.	90	0.	90	0.	89	0.
247	92	10.00	92	0.	91	0.	90	0.	90	0.	89	0.
249	93	20.00	92	10.00	91	0.	91	0.	90	0.	89	0.
252	93	30.00	92	20.00	91	10.00	91	0.	90	0.	89	0.
254	93	40.00	92	30.00	91	10.00	91	0.	90	0.	89	0.
256	93	50.00	92	30.00	91	20.00	90	0.	90	0.	89	0.
258	0	100.00	92	40.00	91	20.00	90	0.	89	0.	89	0.
261	0	100.00	91	40.00	90	0.	89	0.	89	0.	88	0.
263	91	60.00	90	0.	89	0.	88	0.	87	0.	87	0.
265	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
267	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
270	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
272	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
274	90	30.00	89	0.	88	0.	88	0.	87	0.	86	0.
276	0	100.00	90	10.00	89	0.	89	0.	88	0.	87	0.
279	0	100.00	91	30.00	90	0.	89	0.	89	0.	88	0.
281	94	60.00	92	40.00	91	20.00	90	0.	89	0.	89	0.
283	93	50.00	92	30.00	91	20.00	90	0.	90	0.	89	0.
285	93	40.00	92	30.00	91	10.00	90	0.	90	0.	89	0.
288	93	20.00	92	10.00	91	0.	90	0.	90	0.	89	0.
290	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
292	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
294	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
297	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
299	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
301	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
303	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
306	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.

SITE 4 25

TABLE 16 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
308	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
310	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
312	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
315	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
317	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
319	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
321	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
324	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
326	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
328	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
330	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
333	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
335	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
337	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
339	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
342	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
344	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
346	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
348	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
351	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
353	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
355	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
357	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
360	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
AVERAGE SHIELDING		29,12		15,12		5,94		1,31		0,94		0,
AVERAGE TARGET CONTACT ANGLE		93		92		92		91		90		89

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE-4

TABLE 17

SHIELDING OF TARGET AT POSITION B
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
18	108	60.00	95	0.	89	0.	83	0.	78	0.	72	0.
36	103	50.00	91	0.	85	0.	80	0.	74	0.	69	0.
54	92	0.	87	0.	81	0.	75	0.	70	0.	65	0.
72	92	0.	86	0.	80	0.	75	0.	69	0.	63	0.
90	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
108	91	0.	86	0.	80	0.	75	0.	69	0.	65	0.
126	92	0.	87	0.	81	0.	75	0.	70	0.	65	0.
144	105	60.00	91	0.	85	0.	80	0.	74	0.	69	0.
162	108	60.00	94	0.	88	0.	83	0.	77	0.	72	0.
180	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
198	108	60.00	94	10.00	88	0.	83	0.	77	0.	72	0.
216	105	60.00	91	0.	85	0.	80	0.	74	0.	69	0.
234	92	10.00	86	0.	81	0.	75	0.	70	0.	65	0.
252	91	0.	86	0.	80	0.	74	0.	69	0.	64	0.
270	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
288	91	0.	86	0.	80	0.	74	0.	69	0.	64	0.
306	92	0.	87	0.	81	0.	75	0.	70	0.	65	0.
324	102	40.00	91	0.	85	0.	80	0.	74	0.	69	0.
342	108	60.00	94	0.	89	0.	83	0.	77	0.	72	0.
360	112	80.00	96	10.00	90	0.	84	0.	79	0.	73	0.
AVERAGE SHIELDING		27.00		1.00		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		98		89		83		78		73		67

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 17

SHIELDING OF TARGET AT POSITION B
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
9	104	40.00	100	20.00	96	10.00	93	0.	90	0.	88	0.
18	104	40.00	100	20.00	96	10.00	93	0.	90	0.	87	0.
27	104	40.00	99	20.00	96	10.00	93	0.	90	0.	87	0.
36	105	60.00	100	30.00	95	10.00	93	0.	90	0.	87	0.
45	104	60.00	98	30.00	94	10.00	91	0.	88	0.	85	0.
54	103	80.00	96	30.00	92	0.	89	0.	86	0.	83	0.
63	101	90.00	91	0.	88	0.	86	0.	83	0.	80	0.
72	94	40.00	88	0.	85	0.	83	0.	80	0.	77	0.
81	91	0.	88	0.	85	0.	82	0.	79	0.	76	0.
90	90	0.	87	0.	85	0.	82	0.	79	0.	76	0.
99	91	0.	88	0.	85	0.	82	0.	79	0.	76	0.
108	94	40.00	89	0.	86	0.	83	0.	80	0.	77	0.
117	101	90.00	92	0.	89	0.	86	0.	83	0.	80	0.
126	103	80.00	96	30.00	92	0.	89	0.	86	0.	83	0.
135	104	60.00	98	30.00	94	10.00	91	0.	88	0.	85	0.
144	104	50.00	99	30.00	95	10.00	92	0.	89	0.	86	0.
153	103	40.00	100	30.00	95	10.00	92	0.	90	0.	87	0.
162	104	40.00	100	30.00	96	10.00	93	0.	90	0.	87	0.
171	104	40.00	100	30.00	96	10.00	93	0.	90	0.	87	0.
180	104	40.00	100	30.00	96	10.00	93	0.	90	0.	87	0.
189	104	40.00	100	30.00	96	10.00	93	0.	90	0.	87	0.
198	104	40.00	100	30.00	95	10.00	93	0.	90	0.	87	0.
207	103	40.00	100	30.00	95	10.00	92	0.	89	0.	87	0.
216	104	50.00	99	30.00	95	10.00	92	0.	89	0.	86	0.
225	103	60.00	98	30.00	94	10.00	91	0.	88	0.	85	0.
234	103	80.00	96	30.00	92	0.	89	0.	86	0.	83	0.
243	101	90.00	92	0.	89	0.	86	0.	83	0.	80	0.
252	95	50.00	89	0.	86	0.	83	0.	80	0.	77	0.
261	90	0.	88	0.	85	0.	82	0.	79	0.	76	0.
270	90	0.	87	0.	85	0.	82	0.	79	0.	76	0.
279	90	0.	88	0.	85	0.	82	0.	79	0.	76	0.
288	95	50.00	89	0.	86	0.	83	0.	80	0.	78	0.
297	101	90.00	91	10.00	89	0.	86	0.	83	0.	80	0.
306	103	80.00	96	30.00	92	0.	89	0.	86	0.	83	0.

TABLE 17 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
315	104	60.00	98	30.00	94	10.00	91	0.	88	0.	85	0.
324	104	50.00	100	30.00	95	10.00	92	0.	89	0.	87	0.
333	104	40.00	99	20.00	96	10.00	93	0.	90	0.	87	0.
342	103	30.00	100	20.00	96	10.00	93	0.	90	0.	87	0.
351	104	40.00	100	20.00	96	10.00	93	0.	90	0	87	0.
360	103	30.00	100	20.00	96	10.00	93	0.	90	0.	88	0.
AVERAGE SHIELDING		46.25		18.00		5.50		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		100		95		92		89		86		83

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 17

SHIELDING OF TARGET AT POSITION B
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
6	96	10.00	94	0.	92	0.	91	0.	89	0.	87	0.
12	96	10.00	94	0.	93	0.	91	0.	89	0.	87	0.
18	97	10.00	95	10.00	93	0.	91	0.	89	0.	87	0.
24	97	10.00	95	10.00	93	0.	91	0.	89	0.	87	0.
30	98	20.00	95	10.00	94	0.	92	0.	90	0.	88	0.
36	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
42	98	30.00	96	20.00	94	10.00	92	0.	90	0.	88	0.
48	98	30.00	96	20.00	93	10.00	91	0.	90	0.	88	0.
54	99	40.00	96	30.00	93	10.00	91	0.	89	0.	87	0.
60	99	60.00	95	30.00	92	10.00	90	0.	89	0.	87	0.
66	98	70.00	94	30.00	91	0.	89	0.	87	0.	85	0.
72	0	100.00	91	0.	89	0.	87	0.	85	0.	83	0.
78	92	30.00	89	0.	87	0.	85	0.	83	0.	81	0.
84	90	0.	88	0.	86	0.	85	0.	83	0.	81	0.
90	90	0.	88	0.	86	0.	84	0.	82	0.	81	0.
96	90	0.	88	0.	86	0.	84	0.	83	0.	81	0.
102	92	30.00	89	0.	87	0.	85	0.	83	0.	81	0.
108	0	100.00	91	10.00	89	0.	87	0.	85	0.	84	0.
114	96	70.00	94	30.00	91	0.	89	0.	87	0.	86	0.
120	99	60.00	96	40.00	93	20.00	91	0.	89	0.	87	0.
126	100	50.00	97	30.00	94	20.00	92	0.	90	0.	88	0.
132	99	40.00	96	20.00	94	10.00	92	0.	90	0.	88	0.
138	99	40.00	96	20.00	94	10.00	92	0.	90	0.	88	0.
144	99	30.00	97	20.00	94	10.00	92	0.	90	0.	88	0.
150	98	20.00	96	20.00	94	10.00	92	0.	90	0.	88	0.
156	98	20.00	96	10.00	94	10.00	92	0.	90	0.	88	0.
162	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
168	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
174	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
180	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
186	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
192	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
198	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
204	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.

TABLE 17 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
210	98	20.00	96	10.00	94	10.00	92	0.	90	0.	88	0.
216	99	30.00	96	20.00	94	10.00	92	0.	90	0.	88	0.
222	99	40.00	96	20.00	94	10.00	92	0.	90	0.	88	0.
228	99	40.00	96	20.00	94	10.00	92	0.	90	0.	88	0.
234	99	50.00	96	30.00	93	10.00	91	0.	90	0.	88	0.
240	99	60.00	96	40.00	93	20.00	91	0.	89	0.	87	0.
246	98	70.00	94	30.00	91	0.	89	0.	87	0.	85	0.
252	0	100.00	91	10.00	89	0.	87	0.	85	0.	83	0.
258	91	20.00	89	0.	87	0.	85	0.	83	0.	81	0.
264	90	0.	88	0.	86	0.	84	0.	83	0.	81	0.
270	90	0.	88	0.	86	0.	84	0.	82	0.	80	0.
276	90	0.	89	0.	86	0.	84	0.	83	0.	81	0.
282	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
288	97	90.00	91	0.	89	0.	87	0.	85	0.	83	0.
294	98	60.00	94	30.00	91	0.	89	0.	87	0.	85	0.
300	99	60.00	96	40.00	93	20.00	90	0.	89	0.	87	0.
306	100	50.00	97	30.00	93	10.00	92	0.	90	0.	88	0.
312	99	40.00	96	20.00	94	10.00	92	0.	90	0.	88	0.
318	99	30.00	96	20.00	94	10.00	92	0.	90	0.	88	0.
324	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
330	98	20.00	95	10.00	94	0.	92	0.	90	0.	88	0.
336	97	10.00	95	10.00	93	0.	91	0.	89	0.	87	0.
342	96	10.00	95	0.	93	0.	91	0.	89	0.	87	0.
348	96	10.00	94	0.	92	0.	91	0.	89	0.	87	0.
354	96	10.00	94	0.	92	0.	91	0.	89	0.	87	0.
360	96	10.00	94	0.	92	0.	90	0.	89	0.	87	0.
AVERAGE SHIELDING		31.83		13.33		4.17		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		97		94		92		90		88		86

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 17

SHIELDING OF TARGET AT POSITION B
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
4	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
9	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
13	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
18	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
22	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
27	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
31	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
36	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
40	94	10.00	93	0.	92	0.	90	0.	89	0.	87	0.
45	95	10.00	93	10.00	92	0.	90	0.	89	0.	88	0.
49	96	20.00	94	10.00	92	0.	91	0.	89	0.	88	0.
54	96	30.00	94	20.00	92	0.	91	0.	89	0.	88	0.
58	96	40.00	94	20.00	92	10.00	91	0.	89	0.	88	0.
63	96	40.00	94	30.00	92	10.00	91	0.	89	0.	88	0.
67	96	50.00	93	20.00	91	10.00	90	0.	88	0.	87	0.
72	95	60.00	92	20.00	90	0.	89	0.	88	0.	86	0.
76	0	100.00	90	0.	89	0.	88	0.	86	0.	85	0.
81	91	30.00	89	0.	87	0.	86	0.	85	0.	83	0.
85	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
90	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
94	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
99	92	40.00	89	0.	87	0.	86	0.	85	0.	83	0.
103	0	100.00	91	10.00	89	0.	88	0.	86	0.	85	0.
108	96	60.00	93	30.00	91	0.	89	0.	88	0.	87	0.
112	97	60.00	95	30.00	93	20.00	91	0.	90	0.	88	0.
117	97	50.00	95	30.00	93	20.00	91	0.	90	0.	89	0.
121	97	40.00	95	30.00	93	10.00	92	0.	90	0.	89	0.
126	97	30.00	95	20.00	93	10.00	92	0.	90	0.	89	0.
130	97	30.00	95	20.00	93	10.00	92	0.	90	0.	89	0.
135	96	20.00	95	10.00	93	10.00	92	0.	90	0.	89	0.
139	96	20.00	94	10.00	93	0.	91	0.	90	0.	88	0.
144	96	10.00	94	10.00	93	0.	91	0.	90	0.	88	0.
148	96	10.00	94	10.00	93	0.	92	0.	90	0.	89	0.
153	97	20.00	95	10.00	93	0.	92	0.	91	0.	89	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
157	97	20.00	95	10.00	94	0.	92	0.	91	0.	90	0.
162	99	60.00	96	10.00	94	0.	93	0.	91	0.	90	0.
166	99	50.00	96	10.00	95	10.00	93	0.	92	0.	90	0.
171	100	60.00	96	10.00	95	10.00	93	0.	92	0.	90	0.
175	100	60.00	96	10.00	95	10.00	93	0.	92	0.	90	0.
180	100	60.00	96	10.00	95	10.00	93	0.	92	0.	91	0.
184	100	60.00	96	10.00	95	10.00	93	0.	92	0.	90	0.
189	100	60.00	96	10.00	95	10.00	93	0.	92	0.	90	0.
193	99	50.00	96	10.00	95	10.00	93	0.	92	0.	90	0.
198	100	70.00	96	10.00	94	10.00	93	0.	91	0.	90	0.
202	97	20.00	95	10.00	94	0.	92	0.	91	0.	89	0.
207	97	30.00	95	10.00	93	0.	92	0.	91	0.	89	0.
211	96	10.00	94	10.00	93	0.	92	0.	90	0.	89	0.
216	95	10.00	94	10.00	93	0.	91	0.	90	0.	88	0.
220	95	10.00	94	10.00	92	0.	91	0.	90	0.	88	0.
225	96	20.00	94	10.00	92	0.	91	0.	90	0.	88	0.
229	96	20.00	94	10.00	93	0.	91	0.	90	0.	88	0.
234	96	30.00	95	20.00	93	10.00	91	0.	90	0.	88	0.
238	97	40.00	95	30.00	93	10.00	91	0.	90	0.	88	0.
243	97	50.00	95	30.00	92	10.00	91	0.	90	0.	88	0.
247	97	60.00	94	30.00	92	10.00	91	0.	89	0.	88	0.
252	96	60.00	93	20.00	91	0.	89	0.	88	0.	86	0.
256	0	100.00	91	10.00	89	0.	88	0.	86	0.	85	0.
261	92	50.00	89	0.	87	0.	86	0.	84	0.	83	0.
265	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
270	90	0.	88	0.	87	0.	86	0.	84	0.	83	0.
274	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
279	92	50.00	89	0.	87	0.	86	0.	84	0.	83	0.
283	95	90.00	91	0.	89	0.	88	0.	86	0.	85	0.
288	95	50.00	92	20.00	90	0.	89	0.	88	0.	86	0.
292	96	50.00	94	30.00	92	10.00	90	0.	89	0.	88	0.
297	97	50.00	95	30.00	93	20.00	91	0.	90	0.	88	0.
301	97	40.00	95	30.00	93	20.00	91	0.	90	0.	88	0.
306	97	30.00	95	20.00	93	10.00	91	0.	90	0.	89	0.

TABLE 17 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
310	96	20.00	94	10.00	93	0.	91	0.	90	0.	88	0.
315	95	10.00	93	10.00	92	0.	91	0.	89	0.	88	0.
319	95	10.00	93	0.	92	0.	90	0.	89	0.	87	0.
324	94	10.00	93	0.	91	0.	90	0.	89	0.	87	0.
328	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
333	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
337	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
342	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
346	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
351	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
355	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
360	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
AVERAGE SHIELDING		29.50		10.12		3.62		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		95		93		92		90		89		87

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 17

SHIELDING OF TARGET AT POSITION B

RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
7	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
10	93	0.	92	0.	91	0.	90	0.	88	0	87	0.
14	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
18	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
21	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
25	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
28	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
32	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
36	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
39	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
43	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
46	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
50	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
54	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
57	94	20.00	93	10.00	92	0.	90	0.	89	0.	88	0.
61	95	30.00	93	20.00	92	10.00	91	0.	89	0.	88	0.
64	95	40.00	93	20.00	92	10.00	91	0.	89	0.	88	0.
68	95	40.00	93	30.00	92	10.00	90	0.	89	0.	88	0.
72	95	60.00	93	30.00	91	10.00	90	0.	89	0.	88	0.
75	95	80.00	92	30.00	90	0.	89	0.	88	0.	87	0.
79	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
82	90	10.00	89	0.	88	0.	87	0.	86	0.	84	0.
86	90	0.	89	0.	88	0.	87	0.	85	0.	84	0.
90	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
93	90	0.	89	0.	88	0.	87	0.	85	0.	84	0.
97	91	20.00	89	0.	88	0.	87	0.	86	0.	84	0.
100	94	90.00	91	20.00	89	0.	88	0.	87	0.	86	0.
104	95	70.00	92	30.00	91	0.	90	0.	88	0.	87	0.
108	0	100.00	94	40.00	92	20.00	91	0.	90	0.	89	0.
111	96	50.00	94	30.00	93	20.00	91	0.	90	0.	89	0.
115	96	40.00	94	30.00	92	10.00	91	0.	90	0.	89	0.
118	95	30.00	94	20.00	92	10.00	91	0.	90	0.	89	0.
122	95	30.00	94	20.00	92	10.00	91	0.	90	0.	89	0.

TABLE 17 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
126	95	20.00	93	10.00	92	0.	91	0.	90	0.	89	0.
129	95	20.00	93	10.00	92	0.	91	0.	90	0.	89	0.
133	94	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
136	95	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
140	95	10.00	94	10.00	93	0.	91	0.	90	0.	89	0.
144	0	100.00	94	10.00	93	0.	92	0.	91	0.	90	0.
147	0	100.00	95	10.00	94	10.00	93	0.	92	0.	91	0.
151	0	100.00	96	10.00	95	10.00	94	10.00	93	0.	92	0.
154	0	100.00	97	20.00	95	10.00	94	10.00	93	0.	92	0.
158	0	100.00	98	30.00	96	10.00	95	10.00	94	0.	92	0.
162	0	100.00	98	40.00	96	10.00	95	10.00	94	0.	93	0.
165	0	100.00	99	40.00	96	10.00	95	10.00	94	10.00	93	0.
169	0	100.00	100	60.00	97	20.00	96	10.00	95	10.00	93	0.
172	0	100.00	100	70.00	97	20.00	96	10.00	95	10.00	94	0.
176	0	100.00	100	60.00	97	20.00	96	10.00	95	10.00	94	0.
180	0	100.00	100	70.00	97	20.00	96	10.00	95	10.00	94	0.
183	0	100.00	100	60.00	97	20.00	96	10.00	95	10.00	94	0.
187	0	100.00	100	80.00	97	20.00	96	10.00	95	10.00	94	0.
190	0	100.00	100	60.00	97	20.00	96	10.00	94	10.00	93	0.
194	0	100.00	99	40.00	96	10.00	95	10.00	94	10.00	93	0.
198	0	100.00	98	40.00	96	10.00	95	10.00	94	0.	93	0.
201	0	100.00	97	20.00	96	10.00	94	10.00	93	0.	92	0.
205	0	100.00	96	10.00	95	10.00	94	10.00	93	0.	92	0.
208	0	100.00	96	10.00	95	10.00	93	0.	92	0.	91	0.
212	0	100.00	95	10.00	94	10.00	93	0.	92	0.	91	0.
216	0	100.00	94	10.00	93	10.00	92	0.	91	0.	90	0.
219	96	50.00	94	10.00	93	0.	92	0.	90	0.	89	0.
223	95	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
226	94	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
230	94	10.00	93	10.00	92	0.	91	0.	89	0.	88	0.
234	94	20.00	93	10.00	92	0.	91	0.	89	0.	88	0.
237	94	20.00	93	10.00	92	0.	91	0.	90	0.	88	0.
241	95	30.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
244	95	40.00	93	20.00	92	10.00	91	0.	90	0.	89	0.

TABLE 17 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
248	95	40.00	94	30.00	92	10.00	91	0.	90	0.	86	0.
252	95	50.00	93	30.00	92	10.00	90	0.	89	0.	88	0.
255	95	70.00	92	30.00	90	0.	89	0.	88	0.	87	0.
259	94	90.00	91	20.00	89	0.	88	0.	87	0.	86	0.
262	90	20.00	89	0.	88	0.	87	0.	85	0.	84	0.
266	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
270	90	0.	89	0.	87	0.	86	0.	85	0.	84	0.
273	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
277	90	20.00	89	0.	88	0.	87	0.	85	0.	84	0.
280	94	90.00	90	10.00	89	0.	88	0.	87	0.	86	0.
284	95	70.00	92	20.00	90	0.	89	0.	88	0.	87	0.
288	96	70.00	93	30.00	91	10.00	90	0.	89	0.	88	0.
291	95	40.00	94	30.00	92	10.00	91	0.	90	0.	88	0.
295	95	40.00	94	30.00	92	10.00	91	0.	90	0.	89	0.
298	95	30.00	94	20.00	92	10.00	91	0.	90	0.	89	0.
302	95	30.00	93	20.00	92	10.00	91	0.	89	0.	88	0.
306	94	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
309	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
313	93	10.00	92	0.	91	0.	90	0.	89	0.	87	0.
316	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
320	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
324	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
327	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
331	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
334	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
338	93	0.	92	0.	91	0.	89	0.	88	0.	87	0.
342	93	0.	92	0.	91	0.	89	0.	88	0.	87	0.
345	93	0.	92	0.	91	0.	89	0.	88	0.	87	0.
349	93	0.	92	0.	91	0.	89	0.	88	0.	87	0.
352	93	0.	92	0.	91	0.	89	0.	88	0.	87	0.
356	93	0.	92	0.	91	0.	89	0.	88	0.	87	0.
360	93	0.	92	0.	91	0.	89	0.	88	0.	87	0.
AVERAGE SHIELDING		38.80		15.20		4.70		1.60		0.90		0.
AVERAGE TARGET CONTACT ANGLE		94		93		92		91		90		88

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 17

SHIELDING OF TARGET AT POSITION B
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
3	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
6	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
9	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
12	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
15	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
18	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
21	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
24	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
27	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
30	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
33	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
36	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
39	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
42	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
45	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
48	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
51	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
54	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
57	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
60	93	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
63	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
66	94	30.00	93	20.00	91	10.00	90	0.	89	0.	89	0.
69	94	30.00	93	20.00	91	10.00	90	0.	89	0.	88	0.
72	94	40.00	93	30.00	91	10.00	90	0.	89	0.	88	0.
75	94	60.00	92	30.00	91	10.00	90	0.	89	0.	88	0.
78	95	90.00	92	30.00	90	0.	89	0.	88	0.	87	0.
81	0	100.00	90	10.00	89	0.	88	0.	87	0.	86	0.
84	91	40.00	89	0.	88	0.	87	0.	86	0.	85	0.
87	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
90	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
93	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
96	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
99	93	70.00	90	10.00	89	0.	88	0.	87	0.	86	0.
102	94	80.00	92	30.00	91	0.	90	0.	89	0.	88	0.

TABLE 8 (CON,)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
105	95	60.00	93	30.00	91	10.00	90	0.	89	0.	89	0.
108	95	40.00	93	30.00	92	10.00	91	0.	90	0.	89	0.
111	95	40.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
114	94	30.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
117	94	20.00	93	10.00	92	10.00	91	0.	90	0.	89	0.
120	94	20.00	93	10.00	92	0.	91	0.	90	0.	89	0.
123	93	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
126	94	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
129	94	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
132	0	100.00	93	10.00	93	0.	92	0.	91	0.	90	0.
135	0	100.00	94	10.00	93	10.00	92	0.	91	0.	91	0.
138	0	100.00	97	90.00	94	10.00	93	10.00	92	0.	91	0.
141	0	100.00	0	100.00	95	10.00	94	10.00	93	0.	92	0.
144	0	100.00	0	100.00	95	10.00	94	10.00	93	10.00	92	0.
147	0	100.00	0	100.00	96	20.00	95	10.00	94	10.00	93	0.
150	0	100.00	0	100.00	97	30.00	95	10.00	94	10.00	93	0.
153	0	100.00	0	100.00	97	30.00	96	10.00	95	10.00	94	0.
156	0	100.00	0	100.00	97	30.00	96	10.00	95	10.00	94	10.00
159	0	100.00	100	90.00	97	20.00	96	10.00	95	10.00	94	10.00
162	0	100.00	100	80.00	97	20.00	96	10.00	95	10.00	94	10.00
165	0	100.00	100	60.00	97	20.00	96	10.00	95	10.00	94	10.00
168	0	100.00	99	50.00	97	20.00	96	10.00	95	10.00	94	10.00
171	0	100.00	99	50.00	97	20.00	96	10.00	95	10.00	94	10.00
174	0	100.00	99	50.00	98	20.00	96	10.00	95	10.00	94	10.00
177	0	100.00	99	50.00	98	20.00	96	10.00	95	10.00	94	10.00
180	0	100.00	99	50.00	98	20.00	96	10.00	95	10.00	94	10.00
183	0	100.00	99	50.00	97	20.00	96	10.00	95	10.00	94	10.00
186	0	100.00	99	50.00	97	20.00	96	10.00	95	10.00	94	10.00
189	0	100.00	99	50.00	97	20.00	96	10.00	95	10.00	94	10.00
192	0	100.00	99	50.00	97	20.00	96	10.00	95	10.00	94	10.00
195	0	100.00	99	60.00	97	20.00	96	10.00	95	10.00	94	10.00
198	0	100.00	100	80.00	97	20.00	96	10.00	95	10.00	94	10.00
201	0	100.00	100	90.00	97	20.00	96	10.00	95	10.00	94	10.00
204	0	100.00	0	100.00	97	30.00	96	10.00	95	10.00	94	10.00

TABLE 17 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
207	0	100.00	0	100.00	97	30.00	96	10.00	95	10.00	94	10.00
210	0	100.00	0	100.00	97	30.00	95	10.00	94	10.00	93	0.
213	0	100.00	0	100.00	96	10.00	95	10.00	94	10.00	93	0.
216	0	100.00	98	90.00	95	10.00	94	10.00	93	0.	92	0.
219	0	100.00	97	60.00	94	10.00	93	10.00	93	0.	92	0.
222	0	100.00	95	20.00	94	10.00	93	0.	92	0.	91	0.
225	0	100.00	94	10.00	93	10.00	92	0.	91	0.	90	0.
228	0	100.00	94	10.00	93	0.	92	0.	91	0.	90	0.
231	96	70.00	93	10.00	92	0.	91	0.	90	0.	89	0.
234	94	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
237	93	10.00	92	10.00	91	0.	90	0.	89	0.	89	0.
240	94	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
243	94	20.00	92	10.00	91	0.	91	0.	90	0.	89	0.
246	94	30.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
249	94	30.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
252	94	40.00	93	30.00	92	10.00	91	0.	90	0.	89	0.
255	95	60.00	93	30.00	91	10.00	90	0.	89	0.	88	0.
258	94	60.00	92	30.00	90	0.	89	0.	88	0.	87	0.
261	92	50.00	90	0.	89	0.	88	0.	87	0.	86	0.
264	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
267	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
270	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
273	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
276	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
279	93	70.00	90	10.00	89	0.	88	0.	87	0.	86	0.
282	94	70.00	92	30.00	90	0.	89	0.	88	0.	87	0.
285	0	100.00	93	30.00	91	10.00	90	0.	89	0.	88	0.
288	94	40.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
291	94	30.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
294	94	30.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
297	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
300	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
303	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
306	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
309	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
312	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
315	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
318	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
321	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
324	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
327	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
330	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
333	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
336	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
339	92	0.	91	0.	90	0.	89	0.	88	0.	88	0.
342	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
345	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
348	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
351	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
354	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
357	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
360	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
AVERAGE SHIELDING		41.25		24.08		6.33		2.33		2.00		1.50
AVERAGE TARGET CONTACT ANGLE		93		93		92		91		90		89

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 17

SHIELDING OF TARGET AT POSITION B
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
2	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
5	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
7	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
10	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
12	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
15	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
18	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
20	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
23	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
25	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
28	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
30	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
33	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
36	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
38	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
41	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
43	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
46	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
48	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
51	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
54	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
56	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
59	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
61	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
64	92	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
66	93	20.00	92	10.00	91	0.	90	0.	89	0.	89	0.
69	93	30.00	92	20.00	91	10.00	90	0.	89	0.	89	0.
72	93	30.00	92	20.00	91	10.00	90	0.	90	0.	89	0.
74	94	50.00	93	30.00	91	20.00	90	0.	90	0.	89	0.
77	95	90.00	93	40.00	91	20.00	90	0.	89	0.	89	0.
79	0	100.00	92	40.00	90	10.00	90	0.	89	0.	88	0.
82	0	100.00	91	20.00	89	0.	89	0.	88	0.	87	0.
84	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
87	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
90	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
92	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
95	90	10.00	89	0.	88	0.	87	0.	87	0.	86	0.
97	0	100.00	90	10.00	89	0.	89	0.	88	0.	87	0.
100	0	100.00	92	40.00	91	10.00	90	0.	89	0.	88	0.
102	94	60.00	93	40.00	91	20.00	90	0.	90	0.	89	0.
105	94	50.00	93	30.00	92	20.00	91	0.	90	0.	89	0.
108	94	30.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
110	94	30.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
113	93	20.00	92	10.00	92	10.00	91	0.	90	0.	89	0.
115	93	20.00	92	10.00	91	0.	90	0.	90	0.	89	0.
118	93	10.00	92	10.00	91	0.	90	0.	90	0.	89	0.
120	93	10.00	92	10.00	91	0.	91	0.	90	0.	89	0.
123	93	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
126	0	100.00	93	10.00	92	0.	92	0.	91	0.	90	0.
128	0	100.00	94	20.00	93	10.00	92	0.	92	0.	91	0.
131	0	100.00	0	100.00	94	10.00	93	10.00	92	0.	91	0.
133	0	100.00	0	100.00	95	20.00	94	10.00	93	10.00	92	0.
136	0	100.00	0	100.00	96	50.00	94	10.00	93	10.00	93	0.
138	0	100.00	0	100.00	97	70.00	95	10.00	94	10.00	93	0.
141	0	100.00	0	100.00	98	80.00	95	10.00	94	10.00	93	10.00
144	0	100.00	0	100.00	98	70.00	95	10.00	94	10.00	94	10.00
146	0	100.00	0	100.00	97	50.00	95	10.00	95	10.00	94	10.00
149	0	100.00	99	90.00	97	30.00	95	10.00	95	10.00	94	10.00
151	0	100.00	98	60.00	96	10.00	95	10.00	95	10.00	94	10.00
154	0	100.00	98	50.00	96	10.00	95	10.00	95	10.00	94	10.00
156	100	80.00	98	30.00	96	10.00	95	10.00	95	10.00	94	0.
159	99	60.00	97	20.00	96	10.00	95	10.00	95	10.00	94	0.
162	99	50.00	97	20.00	96	10.00	95	10.00	95	10.00	94	0.
164	99	40.00	97	20.00	96	10.00	95	10.00	95	10.00	94	0.
167	98	30.00	97	20.00	96	10.00	95	10.00	95	10.00	94	0.
169	98	20.00	97	20.00	96	10.00	95	10.00	94	10.00	94	0.
172	98	20.00	97	20.00	96	10.00	95	10.00	94	10.00	94	0.
174	98	20.00	97	20.00	96	10.00	95	10.00	94	10.00	93	0.

TABLE 17 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
177	98	20.00	97	10.00	96	10.00	95	10.00	94	10.00	93	0.
180	98	20.00	97	10.00	96	10.00	95	10.00	94	0.	93	0.
182	98	20.00	97	10.00	96	10.00	95	10.00	94	10.00	93	0.
185	98	20.00	97	20.00	96	10.00	95	10.00	94	10.00	93	0.
187	98	20.00	97	20.00	96	10.00	95	10.00	94	10.00	94	0.
190	98	20.00	97	20.00	96	10.00	95	10.00	94	10.00	94	0.
192	98	30.00	97	20.00	96	10.00	95	10.00	94	10.00	94	0.
195	98	30.00	97	20.00	96	10.00	95	10.00	94	10.00	94	0.
198	98	40.00	97	20.00	96	10.00	95	10.00	94	10.00	94	0.
200	99	50.00	97	20.00	96	10.00	95	10.00	94	10.00	94	0.
203	99	70.00	97	30.00	96	10.00	95	10.00	95	10.00	94	0.
205	100	90.00	98	40.00	96	10.00	95	10.00	95	10.00	94	10.00
208	0	100.00	98	60.00	96	10.00	95	10.00	95	10.00	94	10.00
210	0	100.00	99	80.00	96	20.00	95	10.00	94	10.00	94	10.00
213	0	100.00	0	100.00	97	40.00	95	10.00	94	10.00	94	10.00
216	0	100.00	0	100.00	97	50.00	95	10.00	94	10.00	94	10.00
218	0	100.00	0	100.00	97	70.00	95	10.00	94	10.00	93	10.00
221	0	100.00	0	100.00	97	60.00	95	10.00	94	10.00	93	0.
223	0	100.00	0	100.00	95	30.00	94	10.00	93	10.00	92	0.
226	0	100.00	0	100.00	94	10.00	93	10.00	93	0.	92	0.
228	0	100.00	96	60.00	94	10.00	93	10.00	92	0.	91	0.
231	0	100.00	94	10.00	93	10.00	92	0.	91	0.	90	0.
234	0	100.00	93	10.00	92	10.00	92	0.	91	0.	90	0.
236	95	90.00	93	10.00	92	0.	91	0.	90	0.	89	0.
239	94	50.00	92	10.00	91	0.	91	0.	90	0.	89	0.
241	93	10.00	92	10.00	91	0.	90	0.	89	0.	89	0.
244	93	20.00	92	10.00	91	0.	90	0.	89	0.	89	0.
246	93	20.00	92	10.00	91	10.00	91	0.	90	0.	89	0.
249	94	30.00	92	20.00	91	10.00	91	0.	90	0.	89	0.
252	94	30.00	92	20.00	91	10.00	91	0.	90	0.	89	0.
254	94	40.00	93	30.00	91	10.00	90	0.	90	0.	89	0.
257	94	60.00	92	30.00	91	10.00	90	0.	89	0.	89	0.
259	0	100.00	91	30.00	90	0.	89	0.	88	0.	88	0.
262	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.

TABLE 17 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
264	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
267	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
270	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
272	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
275	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
277	92	70.00	90	0.	89	0.	88	0.	87	0.	87	0.
280	93	80.00	91	30.00	90	0.	89	0.	88	0.	88	0.
282	0	100.00	92	30.00	91	10.00	90	0.	89	0.	88	0.
285	94	40.00	92	20.00	91	10.00	90	0.	90	0.	89	0.
288	93	30.00	92	20.00	91	10.00	91	0.	90	0.	89	0.
290	93	20.00	92	10.00	91	0.	90	0.	90	0.	89	0.
293	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
295	92	10.00	91	10.00	91	0.	90	0.	89	0.	88	0.
298	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
300	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
303	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
306	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
308	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
311	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
313	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
316	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
318	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
321	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
324	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
326	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
329	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
331	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
334	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
336	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
339	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
342	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
344	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
347	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
349	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
352	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
354	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
357	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
360	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
AVERAGE SHIELDING		34.50		20.50		8.29		2.79		2.50		0.86
AVERAGE TARGET CONTACT ANGLE		93		93		92		91		90		89

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8

SHIELDING OF TARGET AT POSITION B

RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
4	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
6	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
9	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
11	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
13	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
15	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
18	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
20	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
22	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
24	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
27	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
29	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
31	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
33	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
36	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
38	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
40	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
42	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
45	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
47	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
49	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
51	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
54	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
56	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
58	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
60	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
63	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
65	92	10.00	91	10.00	91	0.	90	0.	89	0.	88	0.
67	92	10.00	91	10.00	91	0.	90	0.	89	0.	89	0.
69	92	20.00	92	10.00	91	0.	90	0.	89	0.	89	0.
72	93	30.00	92	20.00	91	10.00	90	0.	89	0.	89	0.
74	93	40.00	92	20.00	91	10.00	90	0.	90	0.	89	0.
76	93	50.00	92	30.00	91	10.00	90	0.	90	0.	89	0.

TABLE 17 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
78	94	80.00	93	50.00	91	20.00	90	0.	90	0.	89	0.
81	0	100.00	92	40.00	90	10.00	90	0.	89	0.	88	0.
83	93	90.00	90	10.00	89	0.	89	0.	88	0.	87	0.
85	90	20.00	89	0.	89	0.	88	0.	87	0.	86	0.
87	90	20.00	89	0.	88	0.	88	0.	87	0.	86	0.
90	90	20.00	89	0.	88	0.	88	0.	87	0.	86	0.
92	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
94	91	60.00	89	0.	89	0.	88	0.	87	0.	86	0.
96	0	100.00	90	10.00	89	0.	89	0.	88	0.	87	0.
99	0	100.00	92	40.00	90	10.00	90	0.	89	0.	88	0.
101	94	60.00	92	40.00	91	20.00	90	0.	90	0.	89	0.
103	94	50.00	92	30.00	91	10.00	91	0.	90	0.	89	0.
105	93	40.00	92	20.00	91	10.00	91	0.	90	0.	89	0.
108	93	30.00	92	20.00	91	10.00	91	0.	90	0.	89	0.
110	93	20.00	92	10.00	91	10.00	91	0.	90	0.	89	0.
112	92	10.00	92	10.00	91	0.	90	0.	90	0.	89	0.
114	92	10.00	92	10.00	91	0.	90	0.	90	0.	89	0.
117	93	10.00	92	10.00	91	0.	90	0.	90	0.	89	0.
119	94	50.00	92	10.00	91	0.	91	0.	90	0.	89	0.
121	0	100.00	93	10.00	92	0.	91	0.	91	0.	90	0.
123	0	100.00	93	10.00	93	10.00	92	0.	91	0.	90	0.
126	0	100.00	95	70.00	93	10.00	93	10.00	92	0.	91	0.
128	0	100.00	0	100.00	94	10.00	93	10.00	92	0.	92	0.
130	0	100.00	0	100.00	95	30.00	94	10.00	93	10.00	92	0.
132	0	100.00	0	100.00	96	60.00	94	10.00	93	10.00	93	0.
135	0	100.00	0	100.00	96	70.00	94	10.00	94	10.00	93	10.00
137	0	100.00	0	100.00	96	60.00	95	10.00	94	10.00	93	10.00
139	0	100.00	0	100.00	96	50.00	95	10.00	94	10.00	93	10.00
141	0	100.00	98	90.00	96	30.00	95	10.00	94	10.00	93	10.00
144	0	100.00	97	60.00	95	10.00	95	10.00	94	10.00	93	0.
146	99	90.00	97	40.00	95	10.00	95	10.00	94	10.00	93	0.
148	98	60.00	96	20.00	95	10.00	95	10.00	94	10.00	93	0.
150	97	30.00	96	10.00	95	10.00	94	10.00	94	0.	93	0.
153	96	10.00	95	10.00	95	10.00	94	0.	93	0.	92	0.

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
155	96	10.00	95	10.00	94	10.00	94	0.	93	0.	92	0.
157	95	10.00	95	10.00	94	10.00	93	0.	93	0.	92	0.
159	95	10.00	95	10.00	94	0.	93	0.	92	0.	92	0.
162	95	10.00	94	10.00	94	0.	93	0.	92	0.	92	0.
164	95	10.00	94	10.00	94	0.	93	0.	92	0.	91	0.
166	95	10.00	94	10.00	93	0.	93	0.	92	0.	91	0.
168	95	10.00	94	10.00	93	0.	93	0.	92	0.	91	0.
171	95	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
173	95	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
175	95	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
177	95	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
180	94	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
182	95	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
184	95	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
186	95	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
189	95	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
191	95	10.00	94	10.00	93	0.	92	0.	92	0.	91	0.
193	95	10.00	94	0.	93	0.	93	0.	92	0.	91	0.
195	95	10.00	94	10.00	93	0.	93	0.	92	0.	91	0.
198	95	10.00	94	10.00	94	0.	93	0.	92	0.	91	0.
200	95	10.00	95	10.00	94	0.	93	0.	92	0.	92	0.
202	96	10.00	95	10.00	94	10.00	93	0.	93	0.	92	0.
204	96	10.00	95	10.00	94	10.00	94	0.	93	0.	92	0.
207	96	10.00	95	10.00	95	10.00	94	10.00	93	0.	92	0.
209	97	20.00	96	10.00	95	10.00	94	10.00	94	0.	93	0.
211	97	40.00	96	10.00	95	10.00	94	10.00	94	10.00	93	0.
213	98	70.00	96	30.00	95	10.00	94	10.00	94	10.00	93	0.
216	0	100.00	97	50.00	95	10.00	95	10.00	94	10.00	93	0.
218	0	100.00	97	70.00	96	20.00	95	10.00	94	10.00	93	10.00
220	0	100.00	98	90.00	96	40.00	95	10.00	94	10.00	93	10.00
222	0	100.00	0	100.00	96	50.00	95	10.00	94	10.00	93	10.00
225	0	100.00	0	100.00	96	60.00	94	10.00	94	10.00	93	10.00
227	0	100.00	0	100.00	96	60.00	94	10.00	93	10.00	93	0.
229	0	100.00	0	100.00	95	30.00	94	10.00	93	10.00	92	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
231	0	100.00	96	90.00	94	10.00	93	10.00	92	0.	92	0.
234	0	100.00	95	60.00	93	10.00	92	10.00	92	0.	91	0.
236	0	100.00	93	10.00	93	10.00	92	0.	91	0.	90	0.
238	0	100.00	93	10.00	92	10.00	91	0.	91	0.	90	0.
240	0	100.00	92	10.00	92	10.00	91	0.	90	0.	90	0.
243	0	100.00	92	10.00	91	0.	91	0.	90	0.	89	0.
245	92	10.00	92	10.00	91	0.	90	0.	89	0.	89	0.
247	93	20.00	92	10.00	91	0.	90	0.	89	0.	89	0.
249	93	20.00	92	10.00	91	10.00	91	0.	90	0.	89	0.
252	93	30.00	92	20.00	91	10.00	91	0.	90	0.	89	0.
254	93	40.00	92	20.00	91	10.00	90	0.	90	0.	89	0.
256	93	40.00	92	30.00	91	10.00	90	0.	90	0.	89	0.
258	94	80.00	92	40.00	91	20.00	90	0.	89	0.	89	0.
261	0	100.00	91	30.00	90	0.	89	0.	89	0.	88	0.
263	92	70.00	90	0.	89	0.	88	0.	87	0.	87	0.
265	90	20.00	89	0.	88	0.	88	0.	87	0.	86	0.
267	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
270	90	20.00	89	0.	88	0.	87	0.	87	0.	86	0.
272	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
274	90	30.00	89	0.	88	0.	88	0.	87	0.	86	0.
276	0	100.00	90	0.	89	0.	88	0.	88	0.	87	0.
279	0	100.00	91	30.00	90	0.	89	0.	89	0.	88	0.
281	94	80.00	92	40.00	91	20.00	90	0.	89	0.	89	0.
283	93	50.00	92	20.00	91	10.00	90	0.	90	0.	89	0.
285	93	30.00	92	20.00	91	10.00	90	0.	90	0.	89	0.
288	93	20.00	92	10.00	91	0.	90	0.	90	0.	89	0.
290	92	10.00	91	10.00	91	0.	90	0.	89	0.	88	0.
292	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
294	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
297	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
299	92	10.00	91	0.	90	0.	89	0.	89	0.	88	0.
301	92	10.00	91	0.	90	0.	89	0.	89	0.	88	0.
303	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
306	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
308	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
310	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
312	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
315	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
317	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
319	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
321	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
324	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
326	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
328	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
330	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
333	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
335	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
337	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
339	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
342	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
344	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
346	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
348	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
351	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
353	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
355	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
357	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
360	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
AVERAGE SHIELDING		31.00		16.37		6.31		1.56		1.12		0.50
AVERAGE TARGET CONTACT ANGLE		93		92		92		91		90		89

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8

SHIELDING OF TARGET AT POSITION C
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
18	108	60,00	94	10.00	89	0.	83	0,	77	0.	72	0,
36	105	60,00	91	0.	85	0.	79	0,	74	0.	69	0,
54	92	0,	86	0.	81	0.	75	0,	70	0.	65	0,
72	92	0,	86	0,	80	0.	75	0,	70	0.	65	0,
90	91	0,	85	0.	80	0.	74	0,	69	0.	64	0,
108	92	0,	86	0,	80	0.	75	0,	70	0.	65	0,
126	93	10,00	87	0,	81	0.	76	0,	71	0.	66	0,
144	104	50,00	91	0.	86	0.	80	0,	74	0.	69	0,
162	107	50,00	94	0.	89	0.	83	0,	77	0.	72	0,
180	91	0,	85	0.	80	0.	74	0,	69	0.	64	0,
198	106	50,00	94	0.	89	0.	83	0.	77	0.	72	0.
216	105	60,00	91	0.	85	0.	80	0,	74	0.	69	0,
234	92	0,	87	0,	81	0.	76	0,	70	0.	65	0,
252	92	0,	86	0.	80	0.	75	0.	69	0.	65	0,
270	91	0,	85	0,	80	0.	74	0,	69	0.	64	0,
288	92	0,	86	0,	80	0.	75	0,	69	0.	65	0,
306	95	20,00	88	0,	82	0.	76	0,	71	0.	66	0,
324	103	50,00	91	0.	85	0.	80	0,	74	0.	69	0,
342	108	60,00	95	10.00	89	0.	83	0,	78	0.	72	0,
360	113	80,00	99	30,00	90	0.	85	0,	79	0.	74	0,
AVERAGE SHIELDING		27,50		2,50		0.		0,		0.		0,
AVERAGE TARGET CONTACT ANGLE		99		89		84		78		73		68

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 18

SHIELDING OF TARGET AT POSITION C

RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
9	104	40,00	100	30,00	97	20,00	93	0,	90	0,	87	0,
18	104	40,00	100	30,00	96	10,00	93	0,	90	0,	87	0,
27	103	40,00	100	30,00	95	10,00	92	0,	90	0	87	0,
36	105	60,00	99	30,00	95	10,00	92	0,	89	0,	86	0,
45	103	60,00	98	30,00	93	10,00	90	0,	88	0,	85	0,
54	103	80,00	96	30,00	91	0,	88	0,	86	0,	83	0,
63	0	100,00	91	0,	88	0,	85	0,	83	0,	80	0,
72	92	20,00	88	0,	85	0,	83	0,	80	0,	77	0,
81	91	0,	88	0,	85	0,	82	0,	79	0,	77	0,
90	90	0,	87	0,	85	0,	82	0,	79	0,	76	0,
99	91	0,	88	0,	85	0,	82	0,	79	0,	77	0,
108	93	30,00	89	0,	86	0,	83	0,	80	0,	77	0,
117	101	90,00	92	0,	89	0,	86	0,	83	0,	80	0,
126	103	70,00	96	30,00	92	0,	89	0,	86	0,	83	0,
135	104	60,00	98	30,00	94	10,00	91	0,	88	0,	85	0,
144	103	50,00	98	20,00	95	10,00	92	0,	89	0,	86	0,
153	104	40,00	100	30,00	96	10,00	93	0,	90	0,	87	0,
162	104	40,00	100	30,00	96	10,00	93	0,	90	0,	87	0,
171	104	40,00	100	30,00	96	10,00	93	0,	90	0,	87	0,
180	104	40,00	100	30,00	96	10,00	93	0,	90	0,	87	0,
189	104	40,00	100	30,00	96	10,00	93	0,	90	0,	87	0,
198	104	40,00	99	20,00	96	10,00	93	0,	90	0,	87	0,
207	103	40,00	100	30,00	95	10,00	92	0,	90	0,	87	0,
216	104	50,00	99	30,00	95	10,00	92	0,	89	0,	86	0,
225	103	60,00	98	30,00	94	10,00	91	0,	88	0,	85	0,
234	103	80,00	96	30,00	92	0,	89	0,	86	0,	83	0,
243	100	80,00	91	0,	89	0,	86	0,	83	0,	80	0,
252	94	40,00	88	0,	86	0,	83	0,	80	0,	77	0,
261	90	0,	88	0,	85	0,	82	0,	79	0,	76	0,
270	90	0,	87	0,	85	0,	82	0,	79	0,	76	0,
279	91	0,	88	0,	85	0,	82	0,	79	0,	76	0,
288	91	10,00	88	0,	86	0,	83	0,	80	0,	77	0,
297	0	100,00	92	0,	89	0,	86	0,	83	0,	80	0,
306	104	90,00	96	20,00	92	0,	89	0,	86	0,	83	0,

TABLE 19 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
315	105	70.00	99	30.00	94	10.00	91	0.	89	0.	86	0.
324	105	60.00	100	30.00	96	10.00	93	0.	90	0.	87	0.
333	104	40.00	100	30.00	96	10.00	93	0.	90	0.	87	0.
342	104	40.00	101	30.00	96	10.00	93	0.	90	0.	87	0.
351	104	40.00	101	30.00	97	20.00	93	0.	90	0.	88	0.
360	105	50.00	101	30.00	97	20.00	93	0.	91	0.	88	0.
AVERAGE SHIELDING		45.75		18.75		6.25		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		100		96		92		89		86		83

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 18

SHIELDING OF TARGET AT POSITION C
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
6	97	20.00	94	10.00	93	0.	91	0.	89	0.	87	0.
12	97	20.00	94	10.00	93	0.	91	0.	89	0.	87	0.
18	97	20.00	95	10.00	93	0.	91	0.	89	0.	87	0.
24	97	20.00	95	10.00	93	0.	91	0.	89	0.	87	0.
30	98	20.00	95	10.00	93	0.	91	0.	90	0.	88	0.
36	98	20.00	95	10.00	93	0.	91	0.	89	0.	88	0.
42	98	30.00	96	20.00	93	10.00	91	0.	89	0.	87	0.
48	99	40.00	96	20.00	93	10.00	91	0.	89	0.	87	0.
54	99	50.00	96	30.00	93	10.00	91	0.	89	0.	87	0.
60	98	50.00	95	30.00	92	10.00	90	0.	88	0.	86	0.
66	99	80.00	94	30.00	91	0.	89	0.	87	0.	85	0.
72	0	100.00	91	0.	89	0.	87	0.	85	0.	83	0.
78	92	30.00	89	0.	87	0.	85	0.	83	0.	81	0.
84	90	0.	88	0.	86	0.	85	0.	83	0.	81	0.
90	90	0.	88	0.	86	0.	84	0.	83	0.	81	0.
96	90	0.	88	0.	86	0.	85	0.	83	0.	81	0.
102	93	50.00	89	0.	87	0.	85	0.	83	0.	81	0.
108	98	90.00	91	10.00	89	0.	87	0.	86	0.	84	0.
114	99	70.00	94	30.00	91	0.	89	0.	88	0.	86	0.
120	100	60.00	97	40.00	93	10.00	91	0.	89	0.	87	0.
126	100	50.00	97	30.00	94	10.00	92	0.	90	0.	88	0.
132	100	40.00	97	20.00	94	10.00	92	0.	90	0.	88	0.
138	99	30.00	97	20.00	94	10.00	92	0.	91	0.	89	0.
144	99	30.00	97	20.00	94	10.00	92	0.	91	0.	89	0.
150	99	20.00	96	10.00	94	10.00	92	0.	91	0.	89	0.
156	99	20.00	96	10.00	94	0.	92	0.	90	0.	89	0.
162	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
168	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
174	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
180	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
186	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
192	96	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
198	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
204	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.

TABLE 18 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
210	98	20.00	96	10.00	94	10.00	92	0.	90	0.	88	0.
216	99	30.00	96	10.00	94	10.00	92	0.	90	0.	88	0.
222	99	30.00	96	20.00	94	10.00	92	0.	90	0.	88	0.
228	99	40.00	96	20.00	94	10.00	92	0.	90	0.	88	0.
234	99	50.00	96	30.00	93	10.00	91	0.	90	0.	88	0.
240	99	60.00	96	40.00	93	10.00	91	0.	89	0.	87	0.
246	98	70.00	94	30.00	91	0.	89	0.	87	0.	85	0.
252	97	90.00	91	10.00	89	0.	87	0.	85	0.	83	0.
258	93	50.00	89	0.	87	0.	85	0.	83	0.	81	0.
264	90	0.	88	0.	86	0.	84	0.	83	0.	81	0.
270	90	0.	88	0.	86	0.	84	0.	82	0.	81	0.
276	90	0.	88	0.	86	0.	84	0.	83	0.	81	0.
282	93	50.00	89	0.	87	0.	85	0.	83	0.	81	0.
288	97	90.00	91	0.	89	0.	87	0.	85	0.	83	0.
294	98	70.00	94	20.00	91	0.	89	0.	87	0.	85	0.
300	99	50.00	96	30.00	93	10.00	91	0.	89	0.	87	0.
306	99	40.00	96	20.00	94	10.00	92	0.	90	0.	88	0.
312	99	30.00	96	20.00	94	10.00	92	0.	90	0.	88	0.
318	99	30.00	96	20.00	94	10.00	92	0.	90	0.	88	0.
324	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
330	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
336	97	20.00	95	10.00	93	0.	91	0.	89	0.	87	0.
342	97	10.00	95	10.00	93	0.	91	0.	89	0.	87	0.
348	96	10.00	94	10.00	93	0.	91	0.	89	0.	87	0.
354	97	20.00	94	10.00	93	0.	91	0.	89	0.	87	0.
360	97	20.00	94	10.00	92	0.	91	0.	89	0.	87	0.
AVERAGE SHIELDING		34.00		13.50		3.33		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		97		94		92		90		88		86

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 18

SHIELDING OF TARGET AT POSITION C
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
4	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
9	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
13	94	10.00	93	0.	91	0.	90	0.	88	0	87	0.
18	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
22	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
27	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
31	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
36	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
40	94	10.00	93	0.	92	0.	90	0.	89	0.	87	0.
45	95	20.00	93	10.00	92	0.	90	0.	89	0.	88	0.
49	95	20.00	94	10.00	92	0.	91	0.	89	0.	88	0.
54	96	30.00	94	20.00	92	10.00	91	0.	89	0.	88	0.
58	96	40.00	94	20.00	92	10.00	91	0.	89	0.	88	0.
63	96	40.00	94	30.00	92	10.00	91	0.	89	0.	88	0.
67	97	60.00	94	30.00	92	10.00	90	0.	89	0.	87	0.
72	96	70.00	92	20.00	90	0.	89	0.	88	0.	86	0.
76	0	100.00	91	0.	89	0.	88	0.	86	0.	85	0.
81	91	30.00	89	0.	87	0.	86	0.	85	0.	83	0.
85	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
90	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
94	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
99	92	50.00	89	0.	88	0.	86	0.	85	0.	83	0.
103	0	100.00	91	10.00	89	0.	88	0.	87	0.	85	0.
108	96	60.00	93	30.00	91	0.	89	0.	88	0.	87	0.
112	97	60.00	95	30.00	92	10.00	91	0.	90	0.	88	0.
117	97	50.00	95	30.00	93	10.00	92	0.	90	0.	89	0.
121	97	40.00	95	20.00	93	10.00	92	0.	90	0.	89	0.
126	97	30.00	95	20.00	93	10.00	92	0.	90	0.	89	0.
130	96	20.00	95	10.00	93	10.00	92	0.	90	0.	89	0.
135	96	20.00	94	10.00	93	0.	92	0.	90	0.	89	0.
139	96	10.00	94	10.00	93	0.	91	0.	90	0.	88	0.
144	95	10.00	94	10.00	93	0.	91	0.	90	0.	88	0.
148	96	10.00	94	10.00	93	0.	91	0.	90	0.	88	0.
153	96	10.00	94	10.00	93	0.	92	0.	90	0.	89	0.

TABLE 18 (CON,)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
157	96	10.00	95	10.00	93	0.	92	0.	91	0.	89	0.
162	98	40.00	95	10.00	94	0.	92	0.	91	0.	90	0.
166	0	100.00	96	10.00	94	0.	93	0.	91	0.	90	0.
171	0	100.00	96	10.00	95	10.00	93	0.	92	0.	90	0.
175	0	100.00	96	10.00	95	10.00	93	0.	92	0.	90	0.
180	100	60.00	96	10.00	95	10.00	93	0.	92	0.	91	0.
184	100	60.00	96	10.00	95	10.00	93	0.	92	0.	90	0.
189	100	60.00	96	10.00	95	10.00	93	0.	92	0.	91	0.
193	99	50.00	96	10.00	95	10.00	93	0.	92	0.	90	0.
198	99	60.00	96	10.00	94	0.	93	0.	91	0.	90	0.
202	98	30.00	95	10.00	94	0.	93	0.	91	0.	90	0.
207	98	50.00	95	10.00	94	0.	92	0.	91	0.	89	0.
211	96	10.00	95	10.00	93	0.	92	0.	90	0.	89	0.
216	96	10.00	94	10.00	93	0.	91	0.	90	0.	89	0.
220	95	10.00	94	10.00	93	0.	91	0.	90	0.	88	0.
225	96	20.00	94	10.00	93	0.	91	0.	90	0.	88	0.
229	96	20.00	94	10.00	93	0.	91	0.	90	0.	88	0.
234	96	30.00	95	20.00	93	10.00	91	0.	90	0.	88	0.
238	97	40.00	95	20.00	93	10.00	91	0.	90	0.	88	0.
243	97	50.00	95	30.00	92	10.00	91	0.	90	0.	88	0.
247	97	60.00	94	30.00	92	10.00	91	0.	89	0.	88	0.
252	96	60.00	93	30.00	91	0.	89	0.	88	0.	86	0.
256	0	100.00	91	10.00	89	0.	88	0.	86	0.	85	0.
261	90	0.	89	0.	87	0.	86	0.	85	0.	83	0.
265	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
270	90	0.	88	0.	87	0.	86	0.	84	0.	83	0.
274	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
279	90	0.	89	0.	87	0.	86	0.	85	0.	83	0.
283	95	80.00	91	0.	89	0.	88	0.	86	0.	85	0.
288	96	60.00	92	20.00	91	0.	89	0.	88	0.	86	0.
292	96	50.00	94	20.00	92	10.00	90	0.	89	0.	88	0.
297	97	40.00	94	20.00	93	10.00	91	0.	90	0.	88	0.
301	96	30.00	95	20.00	93	10.00	91	0.	90	0.	88	0.
306	96	20.00	94	10.00	93	10.00	91	0.	90	0.	89	0.

TABLE 18 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
310	96	20,00	94	10.00	93	0.	91	0,	90	0.	88	0,
315	95	10.00	93	10.00	92	0.	91	0,	89	0.	88	0,
319	95	10,00	93	0.	92	0.	90	0.	89	0.	87	0,
324	94	10,00	93	0.	92	0.	90	0,	89	0.	87	0,
328	94	10.00	93	0,	91	0.	90	0,	88	0.	87	0,
333	94	0,	93	0,	91	0.	90	0.	88	0.	87	0,
337	94	0,	93	0,	91	0.	90	0,	88	0.	87	0,
342	94	0,	93	0.	91	0.	90	0,	88	0.	87	0,
346	94	0,	93	0,	91	0,	90	0,	88	0.	87	0,
351	94	10,00	93	0.	91	0.	90	0,	88	0.	87	0,
355	94	10,00	93	0,	91	0.	90	0,	88	0.	87	0,
360	94	10,00	93	0.	91	0.	90	0.	88	0.	87	0,
AVERAGE SHIELDING		30,87		9,50		2,87		0,		0.		0,
AVERAGE TARGET CONTACT ANGLE		95		93		92		90		89		87

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 18

SHIELDING OF TARGET AT POSITION C

RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
7	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
10	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
14	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
18	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
21	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
25	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
28	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
32	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
36	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
39	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
43	93	10.00	92	0.	91	0.	90	0.	89	0.	87	0.
46	93	10.00	92	0.	91	0.	90	0.	89	0.	87	0.
50	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
54	94	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
57	94	20.00	93	10.00	92	0.	91	0.	89	0.	88	0.
61	95	30.00	93	20.00	92	10.00	91	0.	89	0.	88	0.
64	95	30.00	93	20.00	92	10.00	91	0.	89	0.	88	0.
68	95	40.00	94	30.00	92	10.00	91	0.	89	0.	88	0.
72	95	60.00	93	30.00	91	10.00	90	0.	89	0.	88	0.
75	95	90.00	92	30.00	90	0.	89	0.	88	0.	87	0.
79	0	100.00	90	10.00	89	0.	88	0.	87	0.	86	0.
82	91	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
86	90	0.	89	0.	88	0.	87	0.	85	0.	84	0.
90	90	0.	89	0.	88	0.	87	0.	85	0.	84	0.
93	90	0.	89	0.	88	0.	87	0.	85	0.	84	0.
97	90	0.	89	0.	88	0.	87	0.	86	0.	84	0.
100	94	70.00	90	10.00	89	0.	88	0.	87	0.	86	0.
104	95	80.00	93	40.00	91	10.00	90	0.	88	0.	87	0.
108	96	60.00	94	30.00	92	10.00	91	0.	89	0.	88	0.
111	96	50.00	94	30.00	92	10.00	91	0.	90	0.	89	0.
115	96	40.00	94	20.00	92	10.00	91	0.	90	0.	89	0.
118	95	30.00	94	20.00	93	10.00	91	0.	90	0.	89	0.
122	95	20.00	94	10.00	92	0.	91	0.	90	0.	89	0.

TABLE 18 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
126	95	20.00	93	10.00	92	0.	91	0.	90	0.	89	0.
129	94	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
133	94	10.00	93	0.	92	0.	91	0.	90	0.	89	0.
136	95	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
140	95	10.00	94	10.00	93	0.	92	0.	90	0.	89	0.
144	0	100.00	94	10.00	93	0.	92	0.	91	0.	90	0.
147	0	100.00	95	10.00	94	10.00	93	0.	92	0.	91	0.
151	0	100.00	99	90.00	95	10.00	94	0.	93	0.	92	0.
154	0	100.00	0	100.00	95	10.00	94	0.	93	0.	92	0.
158	0	100.00	99	80.00	96	10.00	95	10.00	94	0.	92	0.
162	0	100.00	100	90.00	96	10.00	95	10.00	94	0.	93	0.
165	0	100.00	100	80.00	96	10.00	95	10.00	94	0.	93	0.
169	0	100.00	100	80.00	97	10.00	96	10.00	94	10.00	93	0.
172	0	100.00	101	90.00	97	20.00	96	10.00	95	10.00	94	0.
176	0	100.00	100	70.00	97	20.00	96	10.00	95	10.00	94	0.
180	0	100.00	100	70.00	97	20.00	96	10.00	95	10.00	94	0.
183	0	100.00	100	60.00	97	20.00	96	10.00	95	10.00	94	0.
187	0	100.00	100	70.00	97	20.00	96	10.00	95	10.00	94	0.
190	0	100.00	100	60.00	97	20.00	96	10.00	95	10.00	93	0.
194	0	100.00	99	40.00	96	10.00	95	10.00	94	0.	93	0.
198	0	100.00	98	40.00	96	10.00	95	10.00	94	0.	93	0.
201	0	100.00	97	20.00	96	10.00	95	10.00	93	0.	92	0.
205	0	100.00	96	10.00	95	10.00	94	10.00	93	0.	92	0.
208	0	100.00	96	10.00	95	10.00	94	0.	93	0.	91	0.
212	0	100.00	95	10.00	94	10.00	93	0.	92	0.	91	0.
216	0	100.00	95	10.00	94	10.00	93	0.	91	0.	90	0.
219	96	30.00	94	10.00	93	0.	92	0.	91	0.	90	0.
223	95	10.00	94	10.00	92	0.	91	0.	90	0.	89	0.
226	94	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
230	94	10.00	93	10.00	92	0.	91	0.	90	0.	88	0.
234	94	20.00	93	10.00	92	0.	91	0.	89	0.	88	0.
237	95	20.00	93	10.00	92	0.	91	0.	90	0.	88	0.
241	95	30.00	94	20.00	92	10.00	91	0.	90	0.	89	0.
244	95	40.00	94	20.00	92	10.00	91	0.	90	0.	89	0.

TABLE 15 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
248	96	50.00	94	30.00	92	10.00	91	0.	90	0.	88	0.
252	96	60.00	93	30.00	92	20.00	90	0.	89	0.	88	0.
255	95	70.00	92	30.00	91	0.	89	0.	88	0.	87	0.
259	94	90.00	90	10.00	89	0.	88	0.	87	0.	86	0.
262	91	30.00	89	0.	88	0.	87	0.	85	0.	84	0.
266	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
270	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
273	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
277	90	20.00	89	0.	88	0.	87	0.	85	0.	84	0.
280	94	80.00	90	0.	89	0.	88	0.	87	0.	86	0.
284	94	60.00	92	30.00	90	0.	89	0.	88	0.	87	0.
288	96	70.00	93	30.00	91	10.00	90	0.	89	0.	88	0.
291	95	40.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
295	95	30.00	94	20.00	92	10.00	91	0.	90	0.	89	0.
298	95	20.00	93	10.00	92	0.	91	0.	90	0.	89	0.
302	94	10.00	93	10.00	92	0.	91	0.	90	0.	88	0.
306	94	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
309	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
313	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
316	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
320	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
324	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
327	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
331	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
334	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
338	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
342	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
345	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
349	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
352	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
356	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
360	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
AVERAGE SHIELDING		37.80		17.80		4.30		1.40		0.70		0.
AVERAGE TARGET CONTACT ANGLE		94		93		92		91		90		88

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 18

SHIELDING OF TARGET AT POSITION C
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
6	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
9	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
12	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
15	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
18	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
21	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
24	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
27	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
30	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
33	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
36	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
39	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
42	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
45	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
48	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
51	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
54	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
57	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
60	93	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
63	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
66	94	30.00	93	20.00	91	10.00	90	0.	89	0.	89	0.
69	94	30.00	93	20.00	91	10.00	91	0.	90	0.	89	0.
72	95	50.00	93	30.00	92	10.00	91	0.	90	0.	89	0.
75	95	70.00	93	40.00	92	20.00	90	0.	89	0.	88	0.
78	95	90.00	92	40.00	90	0.	90	0.	89	0.	88	0.
81	0	100.00	90	10.00	89	0.	88	0.	88	0.	87	0.
84	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
87	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
90	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
93	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
96	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
99	94	90.00	90	10.00	89	0.	88	0.	88	0.	87	0.
102	0	100.00	93	40.00	91	10.00	90	0.	89	0.	88	0.

TABLE 18 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
105	95	60.00	93	40.00	92	20.00	91	0.	90	0.	89	0.
108	95	50.00	93	30.00	92	10.00	91	0.	90	0.	89	0.
111	95	40.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
114	95	30.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
117	94	20.00	93	10.00	92	0.	91	0.	90	0.	89	0.
120	94	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
123	93	10.00	92	0.	92	0.	91	0.	90	0.	89	0.
126	94	10.00	93	0.	92	0.	91	0.	90	0.	89	0.
129	94	10.00	93	0.	92	0.	91	0.	90	0.	89	0.
132	0	100.00	93	10.00	93	0.	92	0.	91	0.	90	0.
135	0	100.00	94	10.00	93	10.00	92	0.	91	0.	91	0.
138	0	100.00	97	90.00	94	10.00	93	0.	92	0.	91	0.
141	0	100.00	0	100.00	95	10.00	94	10.00	93	0.	92	0.
144	0	100.00	0	100.00	96	20.00	94	10.00	93	0.	93	0.
147	0	100.00	0	100.00	97	50.00	95	10.00	94	0.	93	0.
150	0	100.00	0	100.00	98	70.00	95	10.00	94	10.00	93	0.
153	0	100.00	0	100.00	98	70.00	96	10.00	95	10.00	94	0.
156	0	100.00	0	100.00	98	60.00	96	10.00	95	10.00	94	0.
159	0	100.00	0	100.00	99	60.00	96	10.00	95	10.00	94	0.
162	0	100.00	0	100.00	98	40.00	96	10.00	95	10.00	94	0.
165	0	100.00	100	90.00	98	30.00	96	10.00	95	10.00	94	0.
168	0	100.00	100	80.00	98	20.00	96	10.00	95	10.00	94	0.
171	0	100.00	100	60.00	98	20.00	96	10.00	95	10.00	94	0.
174	0	100.00	100	60.00	98	20.00	96	10.00	95	10.00	94	0.
177	0	100.00	99	50.00	98	20.00	96	10.00	95	10.00	94	0.
180	0	100.00	99	50.00	98	20.00	96	10.00	95	10.00	94	0.
183	0	100.00	99	40.00	98	20.00	96	10.00	95	10.00	94	0.
186	0	100.00	99	50.00	98	20.00	96	10.00	95	10.00	94	0.
189	0	100.00	99	50.00	97	20.00	96	10.00	95	10.00	94	10.00
192	0	100.00	99	50.00	97	20.00	96	10.00	95	10.00	94	10.00
195	0	100.00	99	60.00	97	20.00	96	10.00	95	10.00	94	10.00
198	0	100.00	100	70.00	97	20.00	96	10.00	95	10.00	94	0.
201	0	100.00	100	80.00	97	20.00	96	10.00	95	10.00	94	0.
204	0	100.00	100	90.00	97	20.00	96	10.00	95	10.00	94	0.

TABLE 18 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
207	0	100.00	100	90.00	97	20.00	96	10.00	95	10.00	94	0.
210	0	100.00	0	100.00	96	10.00	95	10.00	94	10.00	94	0.
213	0	100.00	99	80.00	96	10.00	95	10.00	94	10.00	93	0.
216	0	100.00	97	50.00	95	10.00	94	10.00	93	0.	92	0.
219	0	100.00	96	20.00	95	10.00	94	10.00	93	0.	92	0.
222	0	100.00	95	10.00	94	10.00	93	0.	92	0.	91	0.
225	0	100.00	94	10.00	93	10.00	92	0.	91	0.	90	0.
228	0	100.00	94	10.00	93	0.	92	0.	91	0.	90	0.
231	95	60.00	93	10.00	92	0.	91	0.	90	0.	89	0.
234	94	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
237	93	10.00	92	10.00	91	0.	90	0.	90	0.	89	0.
240	94	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
243	94	20.00	92	10.00	91	0.	91	0.	90	0.	89	0.
246	94	30.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
249	94	30.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
252	94	40.00	93	30.00	91	10.00	91	0.	90	0.	89	0.
255	95	70.00	93	40.00	92	20.00	90	0.	89	0.	88	0.
258	94	70.00	92	30.00	90	0.	89	0.	88	0.	88	0.
261	93	80.00	90	10.00	89	0.	88	0.	87	0.	87	0.
264	90	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
267	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
270	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
273	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
276	90	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
279	93	80.00	90	0.	89	0.	88	0.	87	0.	86	0.
282	94	60.00	91	20.00	90	0.	89	0.	88	0.	87	0.
285	0	100.00	93	30.00	91	20.00	90	0.	89	0.	88	0.
288	94	40.00	93	30.00	92	10.00	91	0.	90	0.	89	0.
291	94	30.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
294	94	20.00	93	10.00	92	0.	91	0.	90	0.	89	0.
297	93	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
300	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
303	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
306	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.

TABLE 18 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARSET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGEY CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
309	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
312	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
315	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
318	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
321	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
324	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
327	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
330	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
333	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
336	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
339	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
342	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
345	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
348	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
351	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
354	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
357	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
360	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
AVERAGE SHIELDING		41,67		23,67		8,08		2,25		1,83		0,25
AVERAGE TARGET CONTACT ANGLE		93		93		92		91		90		89

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 16

SHIELDING OF TARGET AT POSITION C

RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
5	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
7	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
10	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
12	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
15	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
18	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
20	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
23	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
25	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
28	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
30	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
33	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
36	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
38	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
41	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
43	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
46	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
48	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
51	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
54	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
56	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
59	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
61	92	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
64	92	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
66	93	20.00	92	10.00	91	0.	90	0.	89	0.	89	0.
69	93	30.00	92	20.00	91	10.00	90	0.	90	0.	89	0.
72	94	40.00	92	20.00	91	10.00	90	0.	90	0.	89	0.
74	94	50.00	93	30.00	91	20.00	90	0.	90	0.	89	0.
77	95	60.00	93	40.00	91	20.00	90	0.	90	0.	89	0.
79	0	100.00	92	40.00	90	10.00	90	0.	89	0.	88	0.
82	93	80.00	90	10.00	89	0.	89	0.	88	0.	87	0.
84	90	20.00	89	0.	88	0.	88	0.	87	0.	86	0.
87	90	10.00	89	0.	88	0.	87	0.	87	0.	86	0.

TABLE 16 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
90	90	10.00	89	0.	88	0.	87	0.	87	0.	86	0.
92	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
95	91	50.00	89	0.	88	0.	88	0.	87	0.	86	0.
97	0	100.00	90	10.00	89	0.	89	0.	88	0.	87	0.
100	0	100.00	92	40.00	91	10.00	90	0.	89	0.	88	0.
102	94	60.00	93	40.00	91	20.00	90	0.	90	0.	89	0.
105	94	50.00	93	30.00	92	20.00	91	0.	90	0.	89	0.
108	94	30.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
110	94	30.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
113	94	20.00	92	10.00	92	0.	91	0.	90	0.	89	0.
115	93	10.00	92	10.00	91	0.	90	0.	90	0.	89	0.
118	93	10.00	92	0.	91	0.	90	0.	90	0.	89	0.
120	93	10.00	92	0.	91	0.	91	0.	90	0.	89	0.
123	93	10.00	92	0.	92	0.	91	0.	90	0.	89	0.
126	0	100.00	93	10.00	92	0.	91	0.	91	0.	90	0.
128	0	100.00	94	10.00	93	0.	92	0.	91	0.	90	0.
131	0	100.00	96	70.00	94	10.00	93	0.	92	0.	91	0.
133	0	100.00	0	100.00	94	10.00	93	10.00	93	0.	92	0.
136	0	100.00	0	100.00	95	20.00	94	10.00	93	0.	92	0.
138	0	100.00	0	100.00	96	50.00	94	10.00	94	10.00	93	0.
141	0	100.00	0	100.00	97	70.00	95	10.00	94	10.00	93	0.
144	0	100.00	0	100.00	98	80.00	95	10.00	94	10.00	94	0.
146	0	100.00	0	100.00	97	60.00	95	10.00	95	10.00	94	0.
149	0	100.00	0	100.00	97	50.00	95	10.00	95	10.00	94	0.
151	0	100.00	0	100.00	97	40.00	95	10.00	95	10.00	94	0.
154	0	100.00	99	80.00	97	30.00	95	10.00	95	10.00	94	0.
156	0	100.00	98	60.00	96	10.00	95	10.00	95	10.00	94	0.
159	100	90.00	98	40.00	96	10.00	95	10.00	95	10.00	94	0.
162	99	70.00	98	30.00	96	10.00	95	10.00	95	0.	94	0.
164	99	60.00	97	20.00	96	10.00	95	10.00	95	10.00	94	0.
167	99	50.00	97	10.00	96	10.00	95	10.00	95	10.00	94	0.
169	98	30.00	97	10.00	96	10.00	95	10.00	94	0.	94	0.
172	98	20.00	97	10.00	96	10.00	95	10.00	94	0.	93	0.
174	98	20.00	97	10.00	96	10.00	95	10.00	94	0.	93	0.

TABLE 18 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
177	96	20.00	97	10.00	96	10.00	95	10.00	94	0.	93	0.
180	98	20.00	97	10.00	96	10.00	95	10.00	94	0.	93	0.
182	98	20.00	97	10.00	96	10.00	95	10.00	94	0.	94	0.
185	98	20.00	97	10.00	96	10.00	95	10.00	94	0.	93	0.
187	98	20.00	97	10.00	96	10.00	95	10.00	94	10.00	94	0.
190	98	20.00	97	20.00	96	10.00	95	10.00	94	10.00	94	0.
192	98	30.00	97	20.00	96	10.00	95	10.00	94	10.00	94	0.
195	98	40.00	97	20.00	96	10.00	95	10.00	94	10.00	94	0.
198	98	40.00	97	10.00	96	10.00	95	10.00	95	10.00	94	0.
200	99	50.00	97	20.00	96	10.00	95	10.00	95	10.00	94	0.
203	99	60.00	97	20.00	96	10.00	95	10.00	95	10.00	94	0.
205	99	70.00	97	20.00	96	10.00	95	10.00	95	10.00	94	0.
208	100	90.00	97	30.00	96	10.00	95	10.00	95	10.00	94	0.
210	0	100.00	98	50.00	96	10.00	95	10.00	95	10.00	94	0.
213	0	100.00	98	70.00	96	10.00	95	10.00	94	10.00	94	0.
216	0	100.00	99	90.00	96	30.00	95	10.00	94	10.00	94	0.
218	0	100.00	0	100.00	97	40.00	95	10.00	94	10.00	93	0.
221	0	100.00	0	100.00	96	30.00	95	10.00	94	10.00	93	0.
223	0	100.00	0	100.00	95	10.00	94	10.00	93	10.00	92	0.
226	0	100.00	0	100.00	94	10.00	93	10.00	93	0.	92	0.
228	0	100.00	96	70.00	94	10.00	93	10.00	92	0.	91	0.
231	0	100.00	94	10.00	93	10.00	92	0.	91	0.	91	0.
234	0	100.00	93	10.00	92	0.	92	0.	91	0.	90	0.
236	95	60.00	93	10.00	92	0.	91	0.	90	0.	89	0.
239	93	20.00	92	10.00	91	0.	91	0.	90	0.	89	0.
241	93	10.00	92	10.00	91	0.	90	0.	90	0.	89	0.
244	93	10.00	92	10.00	91	0.	90	0.	89	0.	89	0.
246	93	20.00	92	10.00	91	0.	90	0.	90	0.	89	0.
249	93	30.00	92	20.00	91	10.00	91	0.	90	0.	89	0.
252	93	30.00	92	20.00	91	10.00	91	0.	90	0.	89	0.
254	94	40.00	93	30.00	91	10.00	90	0.	90	0.	89	0.
257	94	50.00	92	30.00	91	10.00	90	0.	89	0.	89	0.
259	94	80.00	91	20.00	90	0.	89	0.	89	0.	88	0.
262	92	60.00	90	0.	89	0.	88	0.	87	0.	87	0.

TABLE 18 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
264	90	10.00	89	0.	88	0.	87	0.	87	0.	86	0.
267	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
270	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
272	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
275	90	10.00	89	0.	88	0.	87	0.	87	0.	86	0.
277	92	70.00	90	10.00	89	0.	88	0.	88	0.	87	0.
280	93	60.00	91	20.00	90	0.	89	0.	88	0.	88	0.
282	94	80.00	92	30.00	91	10.00	90	0.	89	0.	88	0.
285	94	50.00	93	30.00	91	20.00	90	0.	90	0.	89	0.
288	93	30.00	92	20.00	91	10.00	91	0.	90	0.	89	0.
290	93	20.00	92	10.00	91	0.	90	0.	90	0.	89	0.
293	93	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
295	92	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
298	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
300	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
303	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
306	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
308	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
311	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
313	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
316	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
318	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
321	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
324	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
326	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
329	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
331	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
334	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
336	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
339	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
342	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
344	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
347	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
349	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
352	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
354	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
357	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
360	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
AVERAGE SHIELDING		34.79		19.50		7.21		2.71		1.86		0.
AVERAGE TARGET CONTACT ANGLE		93		93		92		91		90		89

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 18

SHIELDING OF TARGET AT POSITION C

RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
4	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
6	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
9	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
11	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
13	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
15	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
18	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
20	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
22	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
24	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
27	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
29	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
31	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
33	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
36	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
38	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
40	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
42	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
45	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
47	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
49	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
51	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
54	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
56	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
58	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
60	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
63	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
65	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
67	92	10.00	91	10.00	91	0.	90	0.	89	0.	89	0.
69	92	20.00	92	10.00	91	0.	90	0.	89	0.	89	0.
72	93	20.00	92	10.00	91	0.	90	0.	90	0.	89	0.
74	93	40.00	92	20.00	91	10.00	90	0.	90	0.	89	0.
76	93	50.00	92	30.00	91	10.00	90	0.	90	0.	89	0.

TABLE 18 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
78	94	80,00	93	50,00	91	20.00	90	0,	90	0,	89	0,
81	0	100,00	92	40,00	90	10.00	90	0,	89	0,	88	0,
83	0	100,00	90	10,00	90	0,	89	0,	88	0,	87	0,
85	90	20,00	89	0,	89	0,	88	0,	87	0,	86	0,
87	90	0,	89	0,	88	0,	88	0,	87	0,	86	0,
90	90	0,	89	0,	88	0,	88	0,	87	0,	86	0,
92	90	0,	89	0,	88	0,	88	0,	87	0,	86	0,
94	90	0,	89	0,	88	0,	88	0,	87	0,	86	0,
96	0	100,00	90	20,00	90	0,	89	0,	88	0,	87	0,
99	0	100,00	92	40,00	90	10,00	90	0,	89	0,	88	0,
101	94	60,00	92	40,00	91	20,00	90	0,	90	0,	89	0,
103	94	50,00	92	30,00	91	20,00	91	0,	90	0,	89	0,
105	93	40,00	92	30,00	91	10,00	91	0,	90	0,	89	0,
108	93	30,00	92	20,00	91	10,00	91	0,	90	0,	89	0,
110	93	20,00	92	10,00	91	0,	91	0,	90	0,	89	0,
112	92	10,00	92	0,	91	0,	90	0,	90	0,	89	0,
114	92	10,00	92	0,	91	0,	90	0,	89	0,	89	0,
117	92	10,00	92	0,	91	0,	90	0,	90	0,	89	0,
119	94	50,00	92	0,	91	0,	91	0,	90	0,	89	0,
121	0	100,00	93	10,00	92	0,	91	0,	90	0,	90	0,
123	0	100,00	93	10,00	92	0,	92	0,	91	0,	90	0,
126	0	100,00	95	50,00	93	10.00	92	0,	92	0,	91	0,
128	0	100,00	96	70,00	94	10.00	93	0,	92	0,	91	0,
130	0	100,00	96	90,00	94	10,00	93	10,00	93	0,	92	0,
132	0	100,00	0	100,00	95	40,00	94	10,00	93	0,	93	0,
135	0	100,00	0	100,00	96	50,00	94	10,00	94	10,00	93	0,
137	0	100,00	0	100,00	96	40,00	94	10,00	94	10,00	93	0,
139	0	200,00	98	90,00	96	30,00	95	10,00	94	10,00	93	0,
141	0	100,00	98	80,00	96	20,00	95	10,00	94	10,00	93	0,
144	0	100,00	97	60,00	96	20,00	95	10,00	94	10,00	93	0,
146	0	100,00	97	50,00	95	10,00	95	10,00	94	0,	93	0,
148	98	80,00	97	40,00	95	10,00	95	10,00	94	0,	93	0,
150	97	50,00	96	10,00	95	10,00	94	10,00	94	0,	93	0,
153	96	10,00	95	10,00	95	10,00	94	0,	93	0,	92	0,

TABLE 18 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
155	96	10.00	95	10.00	94	0.	94	0.	93	0.	92	0.
157	95	10.00	95	10.00	94	0.	93	0.	93	0.	92	0.
159	95	10.00	95	10.00	94	0.	93	0.	93	0.	92	0.
162	95	10.00	95	0.	94	0.	93	0.	92	0.	92	0.
164	95	10.00	94	0.	94	0.	93	0.	92	0	92	0.
166	95	10.00	94	0.	94	0.	93	0.	92	0.	91	0.
168	95	10.00	94	0.	93	0.	93	0.	92	0.	91	0.
171	95	10.00	94	0.	93	0.	93	0.	92	0.	91	0.
173	95	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
175	95	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
177	95	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
180	95	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
182	95	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
184	95	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
186	95	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
189	95	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
191	95	10.00	94	0.	93	0.	93	0.	92	0.	91	0.
193	95	10.00	94	0.	93	0.	93	0.	92	0.	91	0.
195	95	10.00	94	0.	93	0.	93	0.	92	0.	91	0.
198	95	10.00	94	0.	94	0.	93	0.	92	0.	91	0.
200	95	10.00	95	10.00	94	0.	93	0.	92	0.	92	0.
202	96	10.00	95	10.00	94	0.	93	0.	93	0.	92	0.
204	96	10.00	95	10.00	94	10.00	94	0.	93	0.	92	0.
207	96	10.00	95	10.00	95	10.00	94	0.	93	0.	93	0.
209	96	10.00	96	10.00	95	10.00	94	10.00	94	0.	93	0.
211	97	20.00	96	10.00	95	10.00	94	10.00	94	0.	93	0.
213	97	50.00	96	10.00	95	10.00	95	10.00	94	10.00	93	0.
216	98	70.00	96	20.00	95	10.00	95	10.00	94	10.00	93	0.
218	0	100.00	97	50.00	95	10.00	95	10.00	94	10.00	93	0.
220	0	100.00	97	70.00	96	20.00	95	10.00	94	10.00	93	0.
222	0	100.00	98	90.00	96	30.00	95	10.00	94	10.00	93	10.00
225	0	100.00	0	100.00	96	50.00	94	10.00	94	10.00	93	0.
227	0	100.00	0	100.00	96	70.00	94	10.00	94	10.00	93	0.
229	0	100.00	0	100.00	95	50.00	94	10.00	93	10.00	92	0.

TABLE 18 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
231	0	100.00	0	100.00	94	20.00	93	10.00	92	0.	92	0.
234	0	100.00	95	70.00	93	10.00	93	10.00	92	0.	91	0.
236	0	100.00	93	10.00	93	10.00	92	0.	91	0.	91	0.
238	0	100.00	93	10.00	92	10.00	91	0.	91	0.	90	0.
240	0	100.00	92	10.00	92	0.	91	0.	90	0	90	0.
243	94	80.00	92	10.00	91	0.	91	0.	90	0.	89	0.
245	92	10.00	92	10.00	91	0.	90	0.	90	0.	89	0.
247	92	10.00	92	10.00	91	0.	90	0.	89	0.	89	0.
249	93	20.00	92	10.00	91	10.00	90	0.	90	0.	89	0.
252	93	30.00	92	20.00	91	10.00	90	0.	90	0.	89	0.
254	93	40.00	92	30.00	91	10.00	90	0.	90	0.	89	0.
256	93	40.00	92	30.00	91	10.00	90	0.	90	0.	89	0.
258	93	60.00	92	30.00	91	10.00	90	0.	89	0.	89	0.
261	0	100.00	91	30.00	90	0.	89	0.	89	0.	88	0.
263	91	30.00	90	0.	89	0.	88	0.	87	0.	87	0.
265	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
267	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
270	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
272	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
274	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
276	92	70.00	90	0.	89	0.	88	0.	88	0.	87	0.
279	93	90.00	91	30.00	90	0.	89	0.	89	0.	88	0.
281	93	70.00	92	30.00	91	10.00	90	0.	89	0.	89	0.
283	93	40.00	92	30.00	91	10.00	90	0.	90	0.	89	0.
285	93	40.00	92	30.00	91	10.00	90	0.	90	0.	89	0.
288	93	20.00	92	10.00	91	0.	90	0.	90	0.	89	0.
290	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
292	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
294	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
297	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
299	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
301	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
303	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
306	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.

TABLE 18 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
308	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
310	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
312	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
315	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
317	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
319	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
321	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
324	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
326	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
328	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
330	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
333	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
335	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
337	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
339	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
342	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
344	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
346	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
348	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
351	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
353	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
355	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
357	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
360	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
AVERAGE SHIELDING		28.50		14.87		5.06		1.37		0.81		0.06
AVERAGE TARGET CONTACT ANGLE		93		92		92		91		90		89

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE - 4

TABLE 18

SHIELDING OF TARGET AT POSITION D
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
18	107	60.00	93	0.	88	0.	82	0.	76	0.	71	0.
36	102	50.00	90	0.	84	0.	78	0.	73	0.	68	0.
54	92	0.	86	0.	81	0.	75	0.	70	0.	65	0.
72	91	0.	86	0.	80	0.	75	0.	69	0.	65	0.
90	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
108	92	0.	86	0.	80	0.	75	0.	69	0.	65	0.
126	92	0.	87	0.	81	0.	76	0.	70	0.	65	0.
144	103	50.00	91	0.	85	0.	80	0.	74	0.	69	0.
162	108	60.00	95	10.00	89	0.	83	0.	78	0.	72	0.
180	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
198	108	60.00	94	10.00	89	0.	83	0.	77	0.	72	0.
216	103	50.00	91	0.	85	0.	80	0.	74	0.	69	0.
234	92	0.	87	0.	81	0.	75	0.	70	0.	65	0.
252	91	0.	86	0.	80	0.	74	0.	69	0.	64	0.
270	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
288	91	0.	86	0.	80	0.	75	0.	69	0.	64	0.
306	92	0.	86	0.	80	0.	75	0.	70	0.	65	0.
324	106	70.00	91	0.	85	0.	79	0.	74	0.	69	0.
342	109	70.00	94	10.00	88	0.	82	0.	77	0.	71	0.
360	110	70.00	96	20.00	89	0.	83	0.	78	0.	72	0.
AVERAGE SHIELDING		27.00		2.50		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		98 .		89		. 83		78		72		67

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 19

SHIELDING OF TARGET AT POSITION D
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
9	103	40,00	100	30,00	95	10.00	92	0,	89	0,	87	0,
18	103	40.00	99	30.00	95	10.00	92	0,	89	0,	86	0,
27	103	40,00	99	30,00	95	10.00	92	0,	89	0,	86	0,
36	104	60,00	98	30.00	94	10.00	91	0,	88	0,	85	0,
45	103	60,00	97	30.00	93	10.00	90	0,	87	0,	84	0,
54	103	80.00	96	30.00	91	0.	88	0,	85	0,	82	0,
63	0	100.00	91	0.	88	0.	85	0,	82	0,	80	0,
72	92	20.00	88	0.	85	0.	82	0,	80	0,	77	0,
81	91	0.	88	0,	85	0.	82	0.	79	0,	76	0,
90	90	0.	87	0.	85	0.	82	0.	79	0,	76	0,
99	91	0.	88	0.	85	0.	82	0,	79	0,	76	0,
108	94	40.00	88	0.	86	0.	83	0,	80	0,	77	0,
117	0	100.00	92	10.00	89	0.	86	0,	83	0,	80	0,
126	103	70.00	96	30.00	92	0.	89	0,	86	0,	83	0,
135	104	60.00	98	30.00	94	10.00	91	0,	88	0,	85	0,
144	105	60.00	101	40.00	97	20.00	93	0,	90	0,	87	0,
153	104	40.00	100	30.00	96	10.00	93	0,	90	0,	87	0,
162	104	40.00	101	30.00	96	10.00	93	0,	90	0,	88	0,
171	104	40.00	101	30.00	96	10.00	93	0,	90	0,	87	0,
180	104	40.00	100	20.00	96	10.00	93	0,	90	0,	87	0,
189	104	40.00	100	30.00	96	10.00	93	0,	90	0,	87	0,
198	104	40.00	99	20.00	96	10.00	93	0,	90	0,	87	0,
207	103	40.00	99	20.00	95	10.00	92	0,	89	0,	87	0,
216	104	50.00	99	30.00	95	10.00	92	0,	89	0,	86	0,
225	103	60.00	98	30.00	94	10.00	91	0,	88	0,	85	0,
234	103	80.00	96	30.00	91	0.	89	0,	86	0,	83	0,
243	100	80.00	91	0.	89	0.	86	0,	83	0,	80	0,
252	94	40.00	88	0.	85	0.	83	0,	80	0,	77	0,
261	90	0.	87	0.	85	0.	82	0,	79	0,	76	0,
270	90	0.	87	0.	85	0.	82	0,	79	0,	76	0,
279	90	0.	88	0.	85	0.	82	0,	79	0.	76	0,
288	95	50.00	89	0.	86	0.	83	0,	80	0,	78	0,
297	0	100.00	92	10.00	89	0.	86	0,	83	0,	80	0,
306	104	90.00	97	40.00	92	10.00	89	0,	86	0,	83	0,

TABLE 19 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
315	105	70.00	100	40.00	95	20.00	91	0.	88	0.	86	0.
324	105	60.00	101	40.00	96	20.00	93	0.	90	0.	87	0.
333	104	50.00	100	30.00	96	20.00	93	0.	90	0.	87	0.
342	105	50.00	100	30.00	97	20.00	93	0.	90	0.	87	0.
351	104	40.00	100	30.00	96	20.00	93	0.	90	0.	87	0.
340	103	40.00	100	30.00	95	10.00	93	0.	90	0.	87	0.
AVERAGE SHIELDING		47.75		20.25		7.25		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		100		96		92		89		86		83

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 19

SHIELDING OF TARGET AT POSITION D
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
6	97	20.00	94	10.00	92	0.	90	0.	89	0.	87	0.
12	97	20.00	94	10.00	92	0.	90	0.	89	0.	87	0.
18	97	20.00	94	10.00	93	0.	91	0.	89	0.	87	0.
24	97	20.00	95	10.00	93	0.	91	0.	89	0.	87	0.
30	97	20.00	95	10.00	93	0.	91	0.	89	0.	87	0.
36	98	30.00	95	10.00	93	0.	91	0.	89	0.	87	0.
42	98	30.00	96	20.00	93	10.00	91	0.	89	0.	87	0.
48	98	40.00	95	20.00	93	10.00	91	0.	89	0.	87	0.
54	99	50.00	96	30.00	93	10.00	91	0.	89	0.	87	0.
60	99	60.00	95	30.00	92	10.00	90	0.	88	0.	86	0.
66	98	80.00	94	30.00	91	0.	89	0.	87	0.	85	0.
72	0	100.00	91	0.	89	0.	87	0.	85	0.	83	0.
78	92	30.00	89	0.	87	0.	85	0.	83	0.	81	0.
84	90	0.	88	0.	86	0.	85	0.	83	0.	81	0.
90	90	0.	88	0.	86	0.	84	0.	82	0.	81	0.
96	90	0.	88	0.	86	0.	84	0.	83	0.	81	0.
102	94	60.00	89	0.	87	0.	85	0.	83	0.	81	0.
108	0	100.00	91	10.00	89	0.	87	0.	85	0.	84	0.
114	99	70.00	94	30.00	91	10.00	89	0.	88	0.	86	0.
120	100	70.00	97	40.00	94	20.00	91	0.	89	0.	87	0.
126	100	50.00	97	30.00	95	20.00	92	0.	90	0.	88	0.
132	100	40.00	97	20.00	94	10.00	92	0.	90	0.	88	0.
138	100	40.00	97	20.00	94	10.00	92	0.	90	0.	89	0.
144	99	30.00	97	20.00	94	10.00	92	0.	91	0.	89	0.
150	99	20.00	96	10.00	94	10.00	92	0.	91	0.	89	0.
156	99	20.00	96	10.00	94	0.	92	0.	90	0.	89	0.
162	99	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
168	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
174	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
180	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
186	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
192	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
198	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
204	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.

TABLE 19 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
210	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
216	98	20.00	96	10.00	94	10.00	92	0.	90	0.	88	0.
222	98	30.00	96	20.00	94	10.00	92	0.	90	0.	88	0.
228	99	40.00	96	20.00	94	10.00	92	0.	90	0.	88	0.
234	99	50.00	96	30.00	93	10.00	91	0.	89	0.	88	0.
240	99	60.00	96	40.00	93	20.00	91	0.	89	0.	87	0.
246	99	80.00	94	30.00	91	0.	89	0.	87	0.	85	0.
252	97	80.00	91	10.00	89	0.	87	0.	85	0.	83	0.
258	93	50.00	89	0.	87	0.	85	0.	83	0.	81	0.
264	90	0.	88	0.	86	0.	84	0.	82	0.	81	0.
270	90	0.	88	0.	86	0.	84	0.	82	0.	80	0.
276	90	0.	88	0.	86	0.	84	0.	82	0.	81	0.
282	90	0.	89	0.	87	0.	85	0.	83	0.	81	0.
288	0	100.00	91	0.	89	0.	87	0.	85	0.	83	0.
294	99	80.00	94	30.00	91	0.	89	0.	87	0.	86	0.
300	100	70.00	97	50.00	94	20.00	91	0.	89	0.	87	0.
306	100	50.00	97	40.00	94	20.00	92	0.	90	0.	88	0.
312	99	40.00	97	30.00	94	20.00	92	0.	90	0.	88	0.
318	99	40.00	97	30.00	95	20.00	92	0.	90	0.	88	0.
324	99	30.00	96	20.00	94	10.00	92	0.	90	0.	88	0.
330	98	20.00	96	20.00	94	10.00	92	0.	90	0.	88	0.
336	97	20.00	95	10.00	93	0.	91	0.	89	0.	87	0.
342	97	20.00	95	10.00	93	0.	91	0.	89	0.	87	0.
348	97	20.00	94	10.00	92	0.	91	0.	89	0.	87	0.
354	97	20.00	94	10.00	92	0.	91	0.	89	0.	87	0.
360	97	20.00	94	10.00	92	0.	90	0.	89	0.	87	0.
AVERAGE SHIELDING		35.67		15.00		4.83		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		97		94		92		90		88		86

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 19

SHIELDING OF TARGET AT POSITION D
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
4	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
9	94	10.00	92	0.	91	0.	90	0.	88	0.	87	0.
13	94	10.00	92	0.	91	0.	90	0.	88	0.	87	0.
18	94	10.00	92	0.	91	0.	90	0.	88	0.	87	0.
22	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
27	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
31	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
36	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
40	94	10.00	93	0.	91	0.	90	0.	89	0.	87	0.
45	95	20.00	93	10.00	92	0.	90	0.	89	0.	88	0.
49	96	30.00	94	10.00	92	0.	91	0.	89	0.	88	0.
54	96	30.00	94	20.00	92	10.00	91	0.	89	0.	88	0.
58	96	40.00	94	20.00	92	10.00	91	0.	89	0.	88	0.
63	97	50.00	94	30.00	92	10.00	91	0.	89	0.	88	0.
67	97	60.00	94	30.00	92	10.00	90	0.	89	0.	87	0.
72	96	80.00	93	30.00	91	0.	89	0.	88	0.	86	0.
76	0	100.00	91	10.00	89	0.	88	0.	86	0.	85	0.
81	91	30.00	89	0.	88	0.	86	0.	85	0.	83	0.
85	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
90	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
94	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
99	92	40.00	89	0.	87	0.	86	0.	85	0.	83	0.
103	95	80.00	91	10.00	89	0.	88	0.	86	0.	85	0.
108	96	70.00	93	30.00	91	0.	89	0.	88	0.	87	0.
112	97	60.00	95	40.00	93	20.00	91	0.	89	0.	88	0.
117	97	50.00	96	40.00	93	20.00	91	0.	90	0.	89	0.
121	97	40.00	95	30.00	93	20.00	92	0.	90	0.	89	0.
126	97	30.00	95	20.00	93	10.00	92	0.	90	0.	89	0.
130	97	30.00	95	10.00	93	10.00	92	0.	90	0.	89	0.
135	96	20.00	95	10.00	93	10.00	92	0.	90	0.	89	0.
139	96	10.00	94	10.00	93	0.	91	0.	90	0.	88	0.
144	95	10.00	94	10.00	93	0.	91	0.	90	0.	88	0.
148	96	10.00	94	10.00	93	0.	91	0.	90	0.	88	0.
153	96	10.00	94	10.00	93	0.	91	0.	90	0.	89	0.

TABLE 19 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
157	96	10.00	95	10.00	93	0.	92	0.	90	0.	89	0.
162	96	10.00	95	10.00	93	0.	92	0.	90	0.	89	0.
166	98	40.00	95	10.00	94	0.	92	0.	91	0.	89	0.
171	0	100.00	96	10.00	94	0.	93	0.	91	0.	90	0.
175	0	100.00	96	10.00	94	0.	93	0.	91	0.	90	0.
180	0	100.00	96	10.00	95	10.00	93	0.	92	0.	90	0.
184	0	100.00	96	10.00	95	10.00	93	0.	92	0.	90	0.
189	0	100.00	96	10.00	95	10.00	93	0.	92	0.	90	0.
193	100	70.00	96	10.00	95	10.00	93	0.	92	0.	90	0.
198	100	70.00	96	10.00	94	10.00	93	0.	91	0.	90	0.
202	98	30.00	95	10.00	94	0.	93	0.	91	0.	90	0.
207	98	50.00	95	10.00	94	0.	92	0.	91	0.	89	0.
211	97	30.00	95	10.00	93	0.	92	0.	90	0.	89	0.
216	96	10.00	94	10.00	93	0.	92	0.	90	0.	89	0.
220	96	20.00	94	10.00	93	0.	91	0.	90	0.	88	0.
225	96	20.00	94	10.00	93	0.	91	0.	90	0.	88	0.
229	96	20.00	94	10.00	93	10.00	91	0.	90	0.	88	0.
234	96	30.00	95	20.00	93	10.00	91	0.	90	0.	88	0.
238	97	40.00	95	30.00	93	10.00	91	0.	90	0.	88	0.
243	97	50.00	95	30.00	92	10.00	91	0.	89	0.	88	0.
247	97	60.00	94	30.00	92	10.00	90	0.	89	0.	88	0.
252	96	60.00	93	30.00	91	0.	89	0.	88	0.	86	0.
256	0	100.00	91	10.00	89	0.	88	0.	86	0.	85	0.
261	92	50.00	89	0.	88	0.	86	0.	85	0.	83	0.
265	90	0.	88	0.	87	0.	86	0.	84	0.	83	0.
270	90	0.	88	0.	87	0.	86	0.	84	0.	83	0.
274	90	0.	88	0.	87	0.	86	0.	84	0.	83	0.
279	92	50.00	89	0.	88	0.	86	0.	85	0.	83	0.
283	95	90.00	91	0.	89	0.	88	0.	86	0.	85	0.
288	96	60.00	92	20.00	91	0.	89	0.	88	0.	86	0.
292	96	50.00	94	30.00	92	10.00	90	0.	89	0.	88	0.
297	97	50.00	95	30.00	93	20.00	91	0.	90	0.	88	0.
301	97	40.00	95	30.00	93	20.00	91	0.	90	0.	88	0.
306	97	40.00	95	20.00	93	10.00	91	0.	90	0.	89	0.

TABLE 19 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
310	96	30.00	94	10.00	92	10.00	91	0.	90	0.	88	0.
315	95	20.00	93	10.00	92	0.	91	0.	89	0.	88	0.
319	94	10.00	93	10.00	92	0.	90	0.	89	0.	87	0.
324	94	10.00	93	0.	91	0.	90	0.	89	0.	87	0.
328	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
333	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
337	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
342	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
346	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
351	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
355	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
360	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
AVERAGE SHIELDING		34.87		10.87		3.75		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		95		93		92		90		89		87

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 19

SHIELDING OF TARGET AT POSITION D
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
7	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
10	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
14	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
18	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
21	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
25	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
28	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
32	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
36	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
39	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
43	93	10.00	92	0.	91	0.	90	0.	89	0.	87	0.
46	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
50	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
54	94	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
57	94	20.00	93	10.00	92	0.	90	0.	89	0.	88	0.
61	95	30.00	93	20.00	92	10.00	91	0.	89	0.	88	0.
64	95	40.00	93	20.00	92	10.00	91	0.	90	0.	88	0.
68	95	50.00	94	30.00	92	20.00	91	0.	90	0.	88	0.
72	96	70.00	94	40.00	92	20.00	90	0.	89	0.	88	0.
75	96	90.00	93	40.00	91	10.00	89	0.	88	0.	87	0.
79	0	100.00	90	10.00	89	0.	88	0.	87	0.	86	0.
82	90	0.	89	0.	88	0.	87	0.	86	0.	84	0.
86	90	0.	89	0.	88	0.	87	0.	85	0.	84	0.
90	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
93	90	0.	89	0.	88	0.	87	0.	85	0.	84	0.
97	90	10.00	89	0.	88	0.	87	0.	85	0.	84	0.
100	94	90.00	90	10.00	89	0.	88	0.	87	0.	86	0.
104	0	100.00	93	40.00	91	10.00	90	0.	89	0.	87	0.
108	96	60.00	94	40.00	92	20.00	91	0.	90	0.	88	0.
111	96	50.00	94	40.00	93	20.00	91	10.00	90	0.	89	0.
115	96	40.00	94	30.00	93	20.00	91	0.	90	0.	89	0.
118	95	30.00	94	20.00	93	10.00	91	0.	90	0.	89	0.
122	95	30.00	94	20.00	92	10.00	91	0.	90	0.	89	0.

TABLE 19 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
126	95	20.00	93	10.00	92	0.	91	0.	90	0.	89	0.
129	94	10.00	93	10.00	92	0.	91	0.	90	0.	88	0.
133	94	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
136	95	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
140	95	10.00	94	10.00	93	0.	91	0.	90	0.	89	0.
144	0	100.00	94	10.00	93	0.	92	0.	91	0.	90	0.
147	0	100.00	95	10.00	94	10.00	93	0.	92	0.	91	0.
151	0	100.00	0	100.00	95	10.00	94	0.	93	0.	92	0.
154	0	100.00	0	100.00	95	10.00	94	0.	93	0.	92	0.
158	0	100.00	0	100.00	96	10.00	95	10.00	94	0.	92	0.
162	0	100.00	0	100.00	96	10.00	95	10.00	94	0.	93	0.
165	0	100.00	0	100.00	97	20.00	95	10.00	94	0.	93	0.
169	0	100.00	0	100.00	97	20.00	96	10.00	94	10.00	93	0.
172	0	100.00	0	100.00	97	20.00	96	10.00	95	10.00	93	0.
176	0	100.00	0	100.00	97	10.00	96	10.00	95	10.00	93	0.
180	0	100.00	0	100.00	97	10.00	96	10.00	95	10.00	94	0.
183	0	100.00	101	90.00	97	10.00	96	10.00	95	10.00	93	0.
187	0	100.00	101	90.00	97	10.00	96	10.00	95	10.00	94	0.
190	0	100.00	100	70.00	97	10.00	96	10.00	94	10.00	93	0.
194	0	100.00	99	50.00	96	10.00	95	10.00	94	0.	93	0.
198	0	100.00	98	40.00	96	10.00	95	10.00	94	0.	93	0.
201	0	100.00	97	10.00	96	10.00	95	10.00	93	0.	92	0.
205	0	100.00	96	10.00	95	10.00	94	0.	93	0.	92	0.
208	0	100.00	96	10.00	95	10.00	94	0.	93	0.	91	0.
212	0	100.00	95	10.00	94	10.00	93	0.	92	0.	91	0.
216	98	80.00	95	10.00	94	10.00	93	0.	92	0.	90	0.
219	96	20.00	94	10.00	93	10.00	92	0.	91	0.	90	0.
223	95	20.00	94	10.00	93	0.	92	0.	90	0.	89	0.
226	95	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
230	95	20.00	93	10.00	92	0.	91	0.	90	0.	89	0.
234	95	20.00	93	10.00	92	0.	91	0.	90	0.	88	0.
237	95	20.00	93	10.00	92	0.	91	0.	90	0.	89	0.
241	95	30.00	94	20.00	92	10.00	91	0.	90	0.	89	0.
244	95	40.00	94	30.00	92	10.00	91	0.	90	0.	89	0.

TABLE 19 (CON.)

TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
95	50.00	94	30.00	92	20.00	91	0.	90	0.	88	0.
95	60.00	93	30.00	92	20.00	90	0.	89	0.	88	0.
95	70.00	92	30.00	90	0.	89	0.	88	0.	87	0.
94	90.00	90	10.00	89	0.	88	0.	87	0.	86	0.
90	10.00	89	0.	88	0.	87	0.	85	0.	84	0.
90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
90	0.	89	0.	87	0.	86	0.	85	0.	84	0.
90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
90	0.	89	0.	88	0.	87	0.	85	0.	84	0.
94	80.00	90	10.00	89	0.	88	0.	87	0.	86	0.
95	70.00	92	20.00	90	0.	89	0.	88	0.	87	0.
95	50.00	93	30.00	91	10.00	90	0.	89	0.	88	0.
95	40.00	94	30.00	92	10.00	91	0.	90	0.	88	0.
95	40.00	94	30.00	92	10.00	91	0.	90	0.	89	0.
95	30.00	94	20.00	92	10.00	91	0.	90	0.	89	0.
95	30.00	93	20.00	92	10.00	91	0.	89	0.	88	0.
94	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
93	10.00	92	0.	91	0.	90	0.	89	0.	87	0.
93	10.00	92	0.	91	0.	90	0.	89	0.	87	0.
93	10.00	92	0.	91	0.	90	0.	89	0.	87	0.
93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
93	0.	92	0.	91	0.	89	0.	88	0.	87	0.
93	0.	92	0.	91	0.	89	0.	88	0.	87	0.
93	0.	92	0.	91	0.	89	0.	88	0.	87	0.
93	0.	92	0.	91	0.	89	0.	88	0.	87	0.
93	0.	92	0.	91	0.	89	0.	88	0.	87	0.
93	0.	92	0.	91	0.	89	0.	88	0.	87	0.
93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
AVERAGE SHIELDING	38.60		21.20		5.10		1.40		0.70		0.
AVERAGE TARGET CONTACT ANGLE	94		93		92		91		90		88

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 19

SHIELDING OF TARGET AT POSITION D
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
6	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
9	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
12	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
15	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
18	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
21	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
24	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
27	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
30	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
33	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
36	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
39	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
42	92	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
45	92	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
48	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
51	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
54	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
57	93	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
60	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
63	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
66	94	30.00	93	20.00	91	10.00	90	0.	89	0.	89	0.
69	94	40.00	93	20.00	91	10.00	91	0.	90	0.	89	0.
72	95	50.00	93	30.00	91	10.00	91	0.	90	0.	89	0.
75	95	60.00	94	50.00	92	20.00	90	0.	90	0.	89	0.
78	95	90.00	92	40.00	90	10.00	90	0.	89	0.	88	0.
81	93	70.00	90	10.00	89	0.	88	0.	87	0.	87	0.
84	90	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
87	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
90	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
93	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
96	91	40.00	89	0.	88	0.	87	0.	86	0.	85	0.
99	0	100.00	91	20.00	89	0.	88	0.	88	0.	87	0.
102	0	100.00	92	40.00	91	10.00	90	0.	89	0.	88	0.

TABLE 19 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
105	95	60.00	93	40.00	92	20.00	91	0.	90	0.	89	0.
108	95	50.00	93	30.00	92	20.00	91	0.	90	0.	89	0.
111	95	40.00	93	30.00	92	20.00	91	0.	90	0.	89	0.
114	94	30.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
117	94	30.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
120	94	20.00	93	10.00	92	0.	91	0.	90	0.	89	0.
123	93	10.00	92	10.00	91	0.	90	0.	89	0.	89	0.
126	94	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
129	94	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
132	0	100.00	93	10.00	92	0.	91	0.	90	0.	89	0.
135	0	100.00	94	10.00	93	10.00	92	0.	91	0.	90	0.
138	0	100.00	95	10.00	94	10.00	93	0.	92	0.	91	0.
141	0	100.00	98	90.00	95	10.00	94	10.00	93	0.	92	0.
144	0	100.00	0	100.00	95	10.00	94	10.00	93	0.	92	0.
147	0	100.00	0	100.00	97	40.00	95	10.00	94	0.	93	0.
150	0	100.00	0	100.00	98	70.00	95	10.00	94	10.00	93	0.
153	0	100.00	0	100.00	99	80.00	96	10.00	95	10.00	94	0.
156	0	100.00	0	100.00	99	80.00	96	10.00	95	10.00	94	0.
159	0	100.00	0	100.00	99	80.00	96	10.00	95	10.00	94	0.
162	0	100.00	0	100.00	99	80.00	96	10.00	95	10.00	94	0.
165	0	100.00	0	100.00	99	70.00	96	10.00	95	10.00	94	0.
168	0	100.00	0	100.00	98	50.00	96	10.00	95	10.00	94	10.00
171	0	100.00	0	100.00	98	40.00	96	10.00	95	10.00	94	10.00
174	0	100.00	100	90.00	98	30.00	96	10.00	95	10.00	94	10.00
177	0	100.00	100	80.00	98	30.00	96	10.00	95	10.00	94	10.00
180	0	100.00	100	80.00	98	20.00	96	10.00	95	10.00	94	10.00
183	0	100.00	100	70.00	98	20.00	96	10.00	95	10.00	94	10.00
186	0	100.00	100	60.00	98	20.00	96	10.00	95	10.00	94	10.00
189	0	100.00	100	60.00	97	20.00	96	10.00	95	10.00	94	0.
192	0	100.00	99	60.00	97	20.00	96	10.00	95	10.00	94	10.00
195	0	100.00	99	60.00	97	10.00	96	10.00	95	10.00	94	10.00
198	0	100.00	100	80.00	97	10.00	96	10.00	95	10.00	94	10.00
201	0	100.00	100	80.00	97	20.00	96	10.00	95	10.00	94	0.
204	0	100.00	0	100.00	98	30.00	96	10.00	95	10.00	94	0.

TABLE 19 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
207	0	100.00	0	100.00	97	30.00	96	10.00	95	10.00	94	0.
210	0	100.00	0	100.00	97	20.00	96	10.00	95	10.00	94	0.
213	0	100.00	99	80.00	96	10.00	95	10.00	94	10.00	93	0.
216	0	100.00	97	40.00	95	10.00	94	10.00	93	0.	92	0.
219	0	100.00	96	10.00	95	10.00	94	10.00	93	0.	92	0.
222	0	100.00	95	10.00	94	10.00	93	10.00	92	0.	91	0.
225	0	100.00	94	10.00	93	10.00	92	0.	91	0.	90	0.
228	0	100.00	94	10.00	93	0.	92	0.	91	0.	90	0.
231	94	20.00	93	10.00	92	0.	91	0.	90	0.	89	0.
234	94	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
237	93	10.00	92	10.00	91	0.	90	0.	89	0.	89	0.
240	94	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
243	94	20.00	92	10.00	91	0.	90	0.	90	0.	89	0.
246	94	30.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
249	94	40.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
252	94	40.00	93	30.00	91	10.00	90	0.	90	0.	89	0.
255	95	70.00	93	40.00	92	20.00	90	0.	89	0.	88	0.
258	94	70.00	92	30.00	90	0.	89	0.	88	0.	87	0.
261	94	90.00	90	10.00	89	0.	88	0.	87	0.	86	0.
264	90	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
267	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
270	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
273	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
276	90	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
279	93	80.00	90	10.00	89	0.	88	0.	87	0.	86	0.
282	94	60.00	92	30.00	90	0.	89	0.	88	0.	87	0.
285	0	100.00	93	30.00	91	10.00	90	0.	89	0.	88	0.
288	94	40.00	93	20.00	91	10.00	91	0.	90	0.	89	0.
291	94	30.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
294	94	30.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
297	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
300	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
303	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
306	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.

TABLE 13 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
309	92	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
312	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
315	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
318	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
321	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
324	92	0.	91	0.	90	0.	89	0.	88	0.	88	0.
327	92	0.	91	0.	90	0.	89	0.	88	0.	88	0.
330	92	0.	91	0.	90	0.	89	0.	88	0.	88	0.
333	92	0.	91	0.	90	0.	89	0.	88	0.	88	0.
336	92	0.	91	0.	90	0.	89	0.	88	0.	88	0.
339	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
342	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
345	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
348	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
351	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
354	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
357	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
360	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
AVERAGE SHIELDING		43.42		25.75		10.00		2.33		1.83		0.83
AVERAGE TARGET CONTACT ANGLE		93		93		92		91		90		89

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 19

SHIELDING OF TARGET AT POSITION D
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
2	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
5	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
7	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
10	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
12	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
15	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
18	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
20	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
23	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
25	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
28	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
30	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
33	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
36	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
38	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
41	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
43	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
46	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
48	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
51	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
54	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
56	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
59	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
61	92	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
64	92	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
66	93	20.00	92	10.00	91	0.	90	0.	89	0.	89	0.
69	93	30.00	92	20.00	91	10.00	90	0.	89	0.	89	0.
72	94	40.00	92	20.00	91	10.00	90	0.	90	0.	89	0.
74	94	60.00	93	30.00	91	20.00	90	0.	90	0.	89	0.
77	94	70.00	93	50.00	91	20.00	90	0.	90	0.	89	0.
79	0	100.00	92	30.00	90	10.00	90	0.	89	0.	88	0.
82	93	90.00	90	10.00	89	0.	89	0.	88	0.	87	0.
84	90	20.00	89	0.	88	0.	88	0.	87	0.	86	0.
87	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.

TABLE 19 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
90	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
92	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
95	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
97	0	100.00	91	30.00	90	0.	89	0.	88	0.	87	0.
100	94	90.00	92	40.00	90	10.00	90	0.	89	0.	88	0.
102	94	60.00	93	40.00	91	20.00	90	0.	90	0.	89	0.
105	94	50.00	93	40.00	92	20.00	91	0.	90	0.	89	0.
108	94	40.00	93	30.00	92	10.00	91	0.	90	0.	89	0.
110	94	30.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
113	93	20.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
115	93	20.00	92	10.00	91	0.	90	0.	89	0.	89	0.
118	93	10.00	92	10.00	91	0.	90	0.	89	0.	89	0.
120	93	10.00	92	10.00	91	0.	90	0.	90	0.	89	0.
123	93	10.00	92	0.	91	0.	91	0.	90	0.	89	0.
126	0	100.00	93	10.00	92	0.	91	0.	90	0.	90	0.
128	0	100.00	93	10.00	93	0.	92	0.	91	0.	90	0.
131	0	100.00	95	40.00	93	10.00	93	0.	92	0.	91	0.
133	0	100.00	96	80.00	94	10.00	93	10.00	92	0.	91	0.
136	0	100.00	0	100.00	94	10.00	94	10.00	93	0.	92	0.
138	0	100.00	0	100.00	95	30.00	94	10.00	93	10.00	93	0.
141	0	100.00	0	100.00	96	50.00	95	10.00	94	10.00	93	0.
144	0	100.00	0	100.00	97	60.00	95	10.00	94	10.00	93	0.
146	0	100.00	0	100.00	97	50.00	95	10.00	94	10.00	94	0.
149	0	100.00	0	100.00	97	50.00	95	10.00	95	10.00	94	0.
151	0	100.00	99	90.00	97	40.00	95	10.00	95	10.00	94	0.
154	0	100.00	99	80.00	97	30.00	95	10.00	95	10.00	94	0.
156	0	100.00	99	70.00	97	30.00	95	10.00	95	10.00	94	0.
159	0	100.00	98	60.00	96	10.00	95	10.00	95	10.00	94	0.
162	0	100.00	98	50.00	96	10.00	95	10.00	95	10.00	94	0.
164	100	90.00	98	50.00	96	10.00	95	10.00	95	10.00	94	0.
167	99	70.00	97	30.00	96	10.00	95	10.00	95	10.00	94	0.
169	99	60.00	97	20.00	96	10.00	95	10.00	94	0.	94	0.
172	98	40.00	97	10.00	96	10.00	95	10.00	94	0.	93	0.
174	98	30.00	97	10.00	96	10.00	95	10.00	94	0.	93	0.

TABLE 19 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
177	98	30,00	97	10,00	96	10,00	95	10,00	94	0,	93	0,
180	98	30,00	97	10,00	96	10,00	95	10,00	94	0,	93	0,
182	98	30,00	97	10,00	96	10,00	95	10,00	94	0,	93	0,
185	98	30,00	97	10,00	96	10,00	95	10,00	94	0,	93	0,
187	98	30,00	97	10,00	96	10,00	95	10,00	94	0,	94	0,
190	98	30,00	97	10,00	96	10,00	95	10,00	94	10,00	94	0,
192	98	30,00	97	10,00	96	10,00	95	10,00	94	10,00	94	0,
195	98	40,00	97	10,00	96	10,00	95	10,00	94	10,00	94	0,
198	98	40,00	97	10,00	96	10,00	95	10,00	94	10,00	94	0,
200	99	50,00	97	10,00	96	10,00	95	10,00	94	10,00	94	0,
203	99	60,00	97	20,00	96	10,00	95	10,00	95	10,00	94	0,
205	99	70,00	97	30,00	96	10,00	95	10,00	95	10,00	94	0,
208	100	90,00	97	30,00	96	10,00	95	10,00	94	10,00	94	0,
210	0	100,00	98	40,00	96	10,00	95	10,00	94	10,00	94	0,
213	0	100,00	98	60,00	96	10,00	95	10,00	94	10,00	94	0,
216	0	100,00	98	70,00	96	20,00	95	10,00	94	10,00	94	0,
218	0	100,00	98	80,00	96	10,00	95	10,00	94	10,00	93	10,00
221	0	100,00	98	90,00	95	10,00	95	10,00	94	10,00	93	0,
223	0	100,00	97	70,00	95	10,00	94	10,00	93	10,00	92	0,
226	0	100,00	96	50,00	94	10,00	93	10,00	93	0,	92	0,
228	0	100,00	95	30,00	94	10,00	93	10,00	92	0,	91	0,
231	0	100,00	94	10,00	93	10,00	92	0,	91	0,	91	0,
234	0	100,00	93	10,00	92	10,00	92	0,	91	0,	90	0,
236	95	70,00	93	10,00	92	0,	91	0,	90	0,	89	0,
239	93	20,00	92	10,00	91	0,	91	0,	90	0,	89	0,
241	93	10,00	92	10,00	91	0,	90	0,	90	0,	89	0,
244	93	10,00	92	10,00	91	0,	90	0,	89	0,	89	0,
246	93	20,00	92	10,00	91	0,	90	0,	89	0,	89	0,
249	93	30,00	92	20,00	91	10,00	90	0,	90	0,	89	0,
252	93	30,00	92	20,00	91	10,00	90	0,	90	0,	89	0,
254	94	50,00	92	30,00	91	10,00	90	0,	90	0,	89	0,
257	94	60,00	93	40,00	91	20,00	90	0,	89	0,	89	0,
259	93	70,00	92	30,00	90	0,	89	0,	89	0,	88	0,
262	93	90,00	90	10,00	89	0,	89	0,	88	0,	87	0,

TABLE 19 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
264	90	20.00	89	0.	88	0.	87	0.	87	0.	86	0.
267	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
270	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
272	90	10.00	89	0.	88	0.	87	0.	86	0.	86	0.
275	90	20.00	89	0.	88	0.	87	0.	87	0.	86	0.
277	93	80.00	90	10.00	89	0.	88	0.	88	0.	87	0.
280	93	70.00	91	30.00	90	0.	89	0.	88	0.	88	0.
282	94	80.00	92	30.00	91	10.00	90	0.	89	0.	88	0.
285	94	40.00	92	20.00	91	10.00	90	0.	90	0.	89	0.
288	93	30.00	92	20.00	91	10.00	91	0.	90	0.	89	0.
290	93	20.00	92	10.00	91	10.00	91	0.	90	0.	89	0.
293	93	20.00	92	10.00	91	0.	90	0.	89	0.	89	0.
295	92	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
298	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
300	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
303	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
306	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
308	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
311	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
313	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
316	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
318	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
321	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
324	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
326	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
329	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
331	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
334	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
336	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
339	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
342	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
344	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
347	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
349	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.

TABLE 19 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
352	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
354	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
357	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
360	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
AVERAGE SHIELDING		36.93		19.14		6.57		2.71		1.86		0.07
AVERAGE TARGET CONTACT ANGLE		93		93		92		91		90		89

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 19

SHIELDING OF TARGET AT POSITION D
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
2	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
4	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
6	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
9	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
11	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
13	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
15	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
18	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
20	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
22	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
24	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
27	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
29	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
31	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
33	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
36	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
38	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
40	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
42	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
45	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
47	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
49	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
51	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
54	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
56	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
58	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
60	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
63	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
65	92	10.00	91	10.00	91	0.	90	0.	89	0.	88	0.
67	92	10.00	91	10.00	91	0.	90	0.	89	0.	89	0.
69	92	20.00	92	10.00	91	0.	90	0.	89	0.	89	0.
72	93	30.00	92	20.00	91	10.00	90	0.	89	0.	89	0.
74	93	40.00	92	20.00	91	10.00	90	0.	90	0.	89	0.
76	93	50.00	92	30.00	91	10.00	90	0.	90	0.	89	0.

TABLE 14 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
78	94	70.00	92	40.00	91	20.00	90	0.	90	0.	89	0.
81	0	100.00	91	30.00	90	10.00	90	0.	89	0.	88	0.
83	93	90.00	90	20.00	89	0.	89	0.	88	0.	87	0.
85	90	20.00	89	0.	89	0.	88	0.	87	0.	86	0.
87	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
90	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
92	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
94	91	50.00	89	0.	89	0.	88	0.	87	0.	86	0.
96	93	90.00	91	30.00	89	0.	89	0.	88	0.	87	0.
99	0	100.00	92	40.00	90	10.00	90	0.	89	0.	88	0.
101	93	60.00	92	40.00	91	20.00	90	0.	90	0.	89	0.
103	94	50.00	92	30.00	91	20.00	91	0.	90	0.	89	0.
105	93	40.00	92	30.00	92	20.00	91	0.	90	0.	89	0.
108	93	30.00	92	20.00	91	10.00	91	0.	90	0.	89	0.
110	93	20.00	92	20.00	91	10.00	91	0.	90	0.	89	0.
112	93	20.00	92	10.00	91	0.	90	0.	89	0.	89	0.
114	92	10.00	91	10.00	91	0.	90	0.	89	0.	88	0.
117	92	10.00	91	0.	91	0.	90	0.	89	0.	89	0.
119	0	100.00	92	10.00	91	0.	90	0.	90	0.	89	0.
121	0	100.00	92	10.00	92	0.	91	0.	90	0.	90	0.
123	0	100.00	93	10.00	92	10.00	92	0.	91	0.	90	0.
126	0	100.00	94	40.00	93	10.00	92	0.	91	0.	91	0.
128	0	100.00	95	50.00	93	10.00	93	0.	92	0.	91	0.
130	0	100.00	96	70.00	94	10.00	93	10.00	92	0.	92	0.
132	0	100.00	97	90.00	94	10.00	94	10.00	93	0.	92	0.
135	0	100.00	0	100.00	95	30.00	94	10.00	93	10.00	92	0.
137	0	100.00	97	90.00	95	30.00	94	10.00	93	10.00	93	0.
139	0	100.00	97	80.00	96	30.00	94	10.00	94	10.00	93	0.
141	0	100.00	97	70.00	95	20.00	95	10.00	94	10.00	93	0.
144	0	100.00	97	60.00	95	10.00	95	10.00	94	10.00	93	0.
146	98	90.00	97	50.00	95	10.00	95	10.00	94	0.	93	0.
148	98	70.00	96	30.00	95	10.00	95	10.00	94	0.	93	0.
150	97	50.00	96	10.00	95	10.00	94	10.00	94	0.	93	0.
153	96	20.00	95	10.00	95	10.00	94	0.	93	0.	92	0.

TABLE 19 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
155	96	10.00	95	10.00	94	0.	94	0.	93	0.	92	0.
157	95	10.00	95	10.00	94	0.	93	0.	93	0.	92	0.
159	95	10.00	95	10.00	94	0.	93	0.	92	0.	92	0.
162	95	10.00	95	10.00	94	0.	93	0.	92	0.	92	0.
164	95	10.00	94	10.00	94	0.	93	0.	92	0.	92	0.
166	95	10.00	94	0.	94	0.	93	0.	92	0.	91	0.
168	95	10.00	94	0.	93	0.	93	0.	92	0.	91	0.
171	95	10.00	94	0.	93	0.	93	0.	92	0.	91	0.
173	95	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
175	94	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
177	95	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
180	94	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
182	95	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
184	94	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
186	95	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
189	95	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
191	95	10.00	94	0.	93	0.	93	0.	92	0.	91	0.
193	95	10.00	94	0.	93	0.	93	0.	92	0.	91	0.
195	95	10.00	94	0.	93	0.	93	0.	92	0.	91	0.
198	95	10.00	94	10.00	94	0.	93	0.	92	0.	91	0.
200	95	10.00	94	10.00	94	0.	93	0.	92	0.	92	0.
202	95	10.00	95	10.00	94	0.	93	0.	93	0.	92	0.
204	96	10.00	95	10.00	94	10.00	94	0.	93	0.	92	0.
207	96	10.00	95	10.00	95	10.00	94	0.	93	0.	93	0.
209	96	10.00	96	10.00	95	10.00	94	10.00	94	0.	93	0.
211	97	20.00	96	10.00	95	10.00	94	10.00	94	0.	93	0.
213	97	40.00	96	10.00	95	10.00	94	10.00	94	10.00	93	0.
216	98	60.00	96	20.00	95	10.00	95	10.00	94	10.00	93	0.
218	98	80.00	96	30.00	95	10.00	95	10.00	94	10.00	93	0.
220	0	100.00	97	50.00	95	10.00	95	10.00	94	10.00	93	10.00
222	0	100.00	97	70.00	95	20.00	95	10.00	94	10.00	93	10.00
225	0	100.00	0	100.00	96	30.00	94	10.00	94	10.00	93	10.00
227	0	100.00	0	100.00	96	50.00	94	10.00	94	10.00	93	0.
229	0	100.00	0	100.00	95	30.00	94	10.00	93	10.00	92	0.

TABLE 19 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
231	0	100.00	0	100.00	94	10.00	93	10.00	92	10.00	92	0.
234	0	100.00	96	80.00	93	10.00	93	10.00	92	0.	91	0.
236	0	100.00	94	20.00	93	10.00	92	0.	91	0.	91	0.
238	0	100.00	93	10.00	92	10.00	91	0.	91	0.	90	0.
240	0	100.00	92	10.00	92	0.	91	0.	90	0.	89	0.
243	93	40.00	92	10.00	91	0.	90	0.	90	0.	89	0.
245	93	20.00	92	10.00	91	0.	90	0.	90	0.	89	0.
247	92	20.00	92	10.00	91	0.	90	0.	89	0.	89	0.
249	93	20.00	92	10.00	91	0.	90	0.	90	0.	89	0.
252	93	30.00	92	20.00	91	10.00	90	0.	90	0.	89	0.
254	93	40.00	92	30.00	91	10.00	90	0.	90	0.	89	0.
256	93	40.00	92	30.00	91	10.00	90	0.	90	0.	89	0.
258	93	60.00	92	40.00	91	20.00	90	0.	89	0.	89	0.
261	0	100.00	91	30.00	90	0.	89	0.	89	0.	88	0.
263	92	60.00	90	0.	89	0.	88	0.	88	0.	87	0.
265	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
267	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
270	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
272	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
274	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
276	92	70.00	90	10.00	89	0.	89	0.	88	0.	87	0.
279	93	90.00	91	20.00	90	0.	89	0.	89	0.	88	0.
281	93	60.00	92	40.00	91	20.00	90	0.	89	0.	89	0.
283	93	40.00	92	20.00	91	10.00	90	0.	90	0.	89	0.
285	93	30.00	92	20.00	91	10.00	90	0.	90	0.	89	0.
288	93	20.00	92	10.00	91	0.	90	0.	90	0.	89	0.
290	92	10.00	91	10.00	91	0.	90	0.	89	0.	89	0.
292	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
294	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
297	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
299	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
301	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
303	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
306	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.

AD-A040 173 ARMY ENGINEER WATERWAYS EXPERIMENT STATION VICKSBURG MISS F/G 18/6
ANALYTICAL STUDY OF GROUND-SURFACE SHIELDING CHARACTERISTICS OF--ETC(U)
JUN 74 H W WEST, P L DOIRON, J A PARKS
UNCLASSIFIED WES-TR-M-74-4-VOL-2 NL

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AD A040173

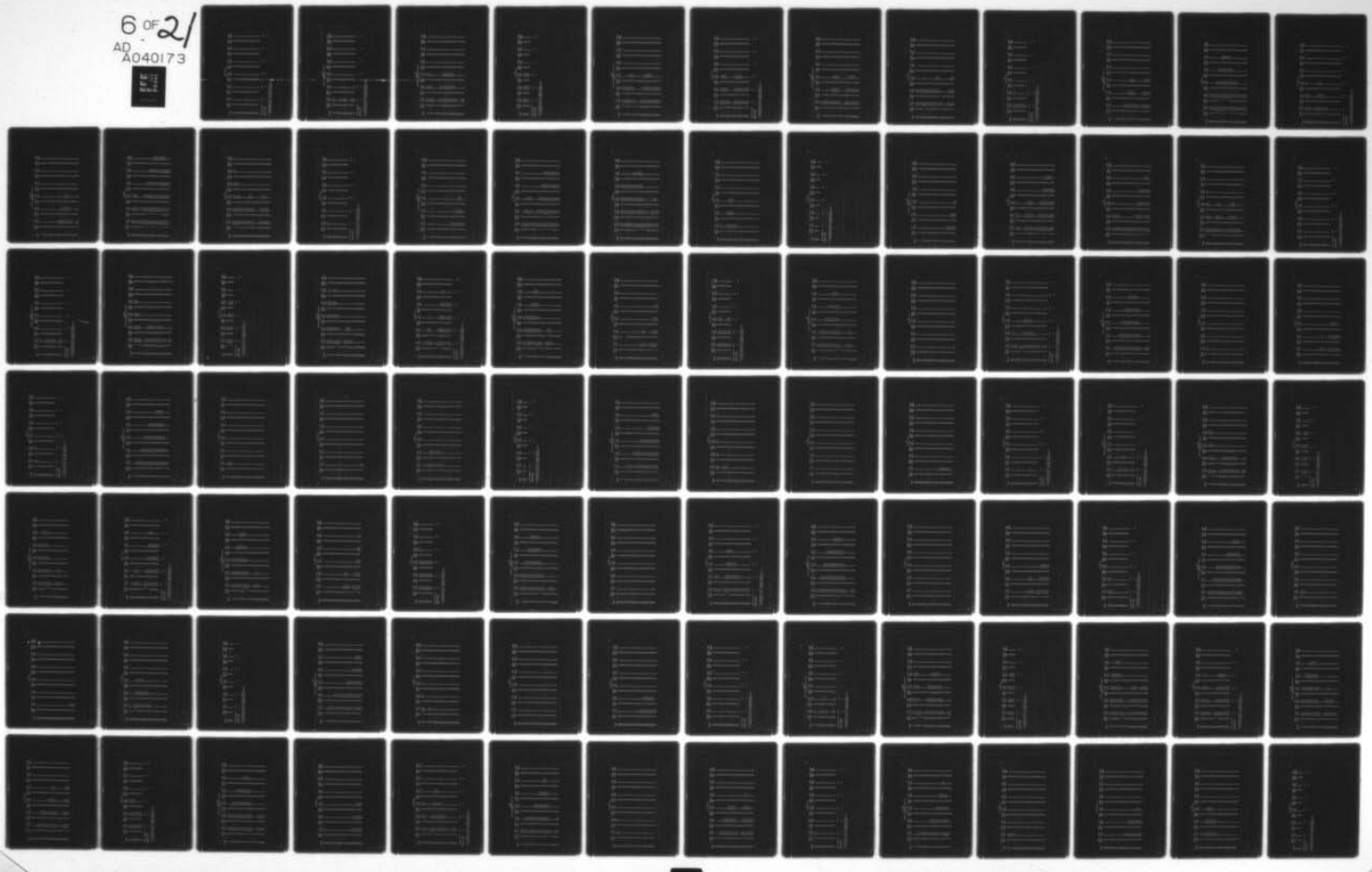

TABLE 19 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
308	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
310	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
312	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
315	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
317	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
319	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
321	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
324	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
326	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
328	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
330	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
333	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
335	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
337	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
339	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
342	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
344	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
346	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
348	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
351	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
353	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
355	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
357	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
360	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
AVERAGE SHIELDING		29.12		14.62		4.37		1.37		0.87		0.19
AVERAGE TARGET CONTACT ANGLE		93		92		92		91		90		89

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE - 4

TABLE 20
SHIELDING OF TARGET AT POSITION E
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARSET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
18	110	80.00	94	0.	88	0.	82	0.	77	0.	71	0.
36	100	40.00	89	0.	84	0.	78	0.	73	0.	68	0.
54	92	0.	86	0.	81	0.	75	0.	70	0.	65	0.
72	92	0.	86	0.	80	0.	75	0.	70	0.	65	0.
90	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
108	92	0.	86	0.	80	0.	75	0.	70	0.	65	0.
126	92	0.	87	0.	81	0.	75	0.	70	0.	65	0.
144	107	70.00	92	0.	86	0.	80	0.	75	0.	69	0.
162	109	60.00	95	10.00	89	0.	84	0.	78	0.	73	0.
180	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
198	108	60.00	95	10.00	89	0.	83	0.	78	0.	72	0.
216	104	50.00	91	0.	86	0.	80	0.	74	0.	69	0.
234	93	10.00	87	0.	82	0.	76	0.	71	0.	66	0.
252	92	0.	86	0.	80	0.	75	0.	70	0.	65	0.
270	91	0.	86	0.	80	0.	75	0.	69	0.	65	0.
288	92	0.	86	0.	80	0.	75	0.	70	0.	65	0.
306	92	0.	86	0.	81	0.	75	0.	70	0.	65	0.
324	102	50.00	90	0.	84	0.	79	0.	73	0.	68	0.
342	110	80.00	93	0.	88	0.	82	0.	76	0.	71	0.
360	0	100.00	97	20.00	90	0.	84	0.	78	0.	73	0.
AVERAGE SHIELDING		30.00		2.00		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		98		89		83		78		72		67

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 20

SHIELDING OF TARGET AT POSITION E
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
9	103	40.00	98	20.00	95	10.00	92	0.	89	0.	86	0.
18	103	40.00	98	20.00	95	10.00	92	0.	89	0.	86	0.
27	103	40.00	98	20.00	94	10.00	92	0.	89	0.	86	0.
36	102	50.00	98	30.00	94	0.	91	0.	88	0.	85	0.
45	103	60.00	97	30.00	93	10.00	90	0.	87	0.	84	0.
54	103	80.00	96	30.00	91	0.	88	0.	85	0.	83	0.
63	0	100.00	91	0.	88	0.	85	0.	83	0.	80	0.
72	92	20.00	88	0.	85	0.	83	0.	80	0.	77	0.
81	91	0.	88	0.	85	0.	82	0.	79	0.	77	0.
90	90	0.	87	0.	85	0.	82	0.	79	0.	76	0.
99	91	0.	88	0.	85	0.	82	0.	79	0.	77	0.
108	94	40.00	89	0.	86	0.	83	0.	80	0.	77	0.
117	0	100.00	92	10.00	89	0.	86	0.	83	0.	81	0.
126	103	70.00	97	30.00	92	0.	89	0.	86	0.	83	0.
135	104	60.00	99	40.00	94	10.00	91	0.	88	0.	86	0.
144	106	60.00	101	40.00	97	20.00	93	0.	90	0.	87	0.
153	105	50.00	101	30.00	97	20.00	93	0.	91	0.	88	0.
162	104	40.00	101	30.00	97	20.00	94	0.	91	0.	88	0.
171	105	50.00	101	30.00	97	20.00	94	0.	91	0.	88	0.
180	104	40.00	101	30.00	97	20.00	94	0.	91	0.	88	0.
189	104	40.00	101	30.00	96	10.00	93	0.	91	0.	88	0.
198	104	40.00	101	30.00	96	10.00	93	0.	90	0.	88	0.
207	104	40.00	99	20.00	96	10.00	93	0.	90	0.	87	0.
216	102	40.00	98	20.00	94	10.00	92	0.	89	0.	86	0.
225	104	60.00	98	30.00	94	10.00	91	0.	88	0.	85	0.
234	102	70.00	95	20.00	92	0.	89	0.	86	0.	83	0.
243	100	80.00	92	0.	89	0.	86	0.	83	0.	80	0.
252	93	30.00	89	0.	86	0.	83	0.	80	0.	77	0.
261	91	0.	88	0.	85	0.	82	0.	79	0.	76	0.
270	90	0.	87	0.	85	0.	82	0.	79	0.	76	0.
279	91	0.	88	0.	85	0.	82	0.	79	0.	76	0.
288	94	40.00	88	0.	85	0.	83	0.	80	0.	77	0.
297	0	100.00	92	0.	89	0.	86	0.	83	0.	80	0.
306	0	100.00	96	30.00	92	0.	89	0.	86	0.	83	0.

TABLE 20 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
315	104	70.00	99	40.00	94	10.00	91	0.	88	0.	85	0.
324	105	60.00	100	40.00	95	10.00	92	0.	89	0.	86	0.
333	104	50.00	100	30.00	95	10.00	92	0.	89	0.	87	0.
342	103	40.00	100	30.00	95	10.00	92	0.	89	0.	87	0.
351	103	40.00	99	30.00	95	10.00	92	0.	89	0.	86	0.
360	103	40.00	98	20.00	95	10.00	92	0.	89	0.	86	0.
AVERAGE SHIELDING		47.00		19.00		6.50		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		100		95		92		89		86		83

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 20

SHIELDING OF TARGET AT POSITION E

RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
6	96	10.00	94	10.00	92	0.	90	0.	89	0.	87	0.
12	96	10.00	94	10.00	92	0.	90	0.	89	0.	87	0.
18	97	20.00	94	10.00	93	0.	91	0.	89	0.	87	0.
24	97	20.00	95	10.00	93	0.	91	0.	89	0.	87	0.
30	97	20.00	95	10.00	93	0.	91	0.	89	0.	87	0.
36	98	30.00	95	10.00	93	0.	91	0.	89	0.	87	0.
42	98	30.00	96	20.00	93	10.00	91	0.	89	0.	88	0.
48	99	40.00	96	20.00	93	10.00	91	0.	89	0.	87	0.
54	99	50.00	96	30.00	93	10.00	91	0.	89	0.	87	0.
60	99	60.00	95	30.00	92	10.00	90	0.	88	0.	87	0.
66	99	90.00	94	30.00	91	0.	89	0.	87	0.	85	0.
72	0	100.00	91	0.	89	0.	87	0.	85	0.	83	0.
78	92	30.00	89	0.	87	0.	85	0.	83	0.	82	0.
84	90	0.	88	0.	86	0.	85	0.	83	0.	81	0.
90	90	0.	88	0.	86	0.	85	0.	83	0.	81	0.
96	90	0.	88	0.	86	0.	85	0.	83	0.	81	0.
102	92	40.00	89	0.	87	0.	85	0.	83	0.	81	0.
108	96	70.00	91	0.	89	0.	87	0.	85	0.	83	0.
114	100	90.00	95	30.00	92	0.	90	0.	88	0.	86	0.
120	100	60.00	97	40.00	94	20.00	91	0.	89	0.	87	0.
126	100	50.00	98	40.00	95	20.00	92	0.	90	0.	88	0.
132	100	40.00	97	30.00	94	10.00	92	0.	90	0.	89	0.
138	100	40.00	97	30.00	94	10.00	92	0.	91	0.	89	0.
144	99	30.00	97	20.00	94	10.00	93	0.	91	0.	89	0.
150	99	20.00	97	20.00	94	10.00	93	0.	91	0.	89	0.
156	99	20.00	96	10.00	94	10.00	92	0.	90	0.	89	0.
162	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
168	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
174	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
180	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
186	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
192	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
198	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
204	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.

TABLE 20 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
210	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
216	98	20.00	96	10.00	94	10.00	92	0.	90	0.	88	0.
222	99	30.00	96	20.00	94	10.00	92	0.	90	0.	88	0.
228	99	30.00	96	20.00	94	10.00	92	0.	90	0.	88	0.
234	99	40.00	96	30.00	93	10.00	91	0.	90	0.	88	0.
240	99	50.00	96	30.00	93	10.00	91	0.	89	0.	87	0.
246	98	70.00	94	20.00	91	0.	89	0.	87	0.	85	0.
252	97	60.00	91	0.	89	0.	87	0.	85	0.	83	0.
258	93	50.00	89	0.	87	0.	85	0.	83	0.	81	0.
264	90	0.	88	0.	86	0.	84	0.	83	0.	81	0.
270	90	0.	88	0.	86	0.	84	0.	82	0.	81	0.
276	90	0.	88	0.	86	0.	84	0.	83	0.	81	0.
282	93	50.00	89	0.	87	0.	85	0.	83	0.	81	0.
288	98	90.00	91	10.00	89	0.	87	0.	85	0.	83	0.
294	99	80.00	95	40.00	91	10.00	89	0.	88	0.	86	0.
300	100	70.00	97	40.00	94	20.00	91	0.	89	0.	87	0.
306	100	50.00	97	40.00	94	20.00	92	0.	90	0.	88	0.
312	99	40.00	97	30.00	94	10.00	92	0.	90	0.	88	0.
318	100	40.00	97	30.00	94	10.00	92	0.	90	0.	88	0.
324	99	30.00	96	20.00	94	10.00	92	0.	90	0.	88	0.
330	98	20.00	95	10.00	94	0.	92	0.	90	0.	88	0.
336	97	20.00	95	10.00	93	0.	91	0.	89	0.	87	0.
342	97	20.00	95	10.00	93	0.	91	0.	89	0.	87	0.
348	97	20.00	94	10.00	92	0.	91	0.	89	0.	87	0.
354	97	20.00	94	10.00	92	0.	90	0.	89	0.	87	0.
360	96	10.00	94	10.00	92	0.	90	0.	88	0.	86	0.
AVERAGE SHIELDING		34.67		15.00		4.33		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		97		94		92		90		88		86

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

20

TABLE 3

SHIELDING OF TARGET AT POSITION E
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
4	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
9	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
13	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
18	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
22	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
27	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
31	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
36	94	10.00	93	0.	91	0.	90	0.	89	0.	87	0.
40	95	10.00	93	0.	92	0.	90	0.	89	0.	87	0.
45	95	20.00	93	10.00	92	0.	91	0.	89	0.	88	0.
49	96	20.00	94	10.00	92	0.	91	0.	89	0.	88	0.
54	96	30.00	94	20.00	92	10.00	91	0.	89	0.	88	0.
58	97	40.00	94	20.00	92	10.00	91	0.	90	0.	88	0.
63	97	50.00	95	30.00	92	10.00	91	0.	90	0.	88	0.
67	97	70.00	95	40.00	92	10.00	91	0.	89	0.	88	0.
72	96	70.00	93	30.00	91	0.	89	0.	88	0.	86	0.
76	0	100.00	91	0.	89	0.	88	0.	86	0.	85	0.
81	90	0.	89	0.	88	0.	86	0.	85	0.	83	0.
85	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
90	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
94	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
99	91	30.00	89	0.	87	0.	86	0.	85	0.	83	0.
103	0	100.00	91	10.00	89	0.	88	0.	86	0.	85	0.
108	97	90.00	93	30.00	91	0.	90	0.	88	0.	87	0.
112	97	60.00	95	40.00	93	20.00	91	0.	90	0.	88	0.
117	98	50.00	95	30.00	93	20.00	92	0.	90	0.	89	0.
121	97	40.00	96	30.00	94	20.00	92	0.	90	0.	89	0.
126	97	30.00	95	20.00	93	10.00	92	0.	90	0.	89	0.
130	97	30.00	95	20.00	93	10.00	92	0.	90	0.	89	0.
135	96	20.00	94	10.00	93	10.00	92	0.	90	0.	89	0.
139	96	10.00	94	10.00	93	0.	91	0.	90	0.	88	0.
144	95	10.00	94	10.00	93	0.	91	0.	90	0.	88	0.
148	96	10.00	94	10.00	93	0.	91	0.	90	0.	89	0.
153	96	10.00	94	10.00	93	0.	92	0.	90	0.	89	0.

TABLE 20 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
157	96	10.00	95	10.00	93	0.	92	0.	90	0.	89	0.
162	96	10.00	95	10.00	93	0.	92	0.	91	0.	89	0.
166	98	40.00	95	10.00	94	0.	92	0.	91	0.	89	0.
171	100	80.00	95	10.00	94	0.	92	0.	91	0.	90	0.
175	100	80.00	95	10.00	94	0.	92	0.	91	0.	89	0.
180	100	90.00	95	10.00	94	0.	92	0.	91	0.	90	0.
184	0	100.00	96	10.00	94	0.	93	0.	91	0.	90	0.
189	0	100.00	96	10.00	94	10.00	93	0.	92	0.	90	0.
193	0	100.00	96	10.00	94	0.	93	0.	91	0.	90	0.
198	99	70.00	95	10.00	94	0.	93	0.	91	0.	90	0.
202	98	40.00	95	10.00	94	0.	92	0.	91	0.	90	0.
207	99	60.00	95	10.00	94	0.	92	0.	91	0.	89	0.
211	98	40.00	95	10.00	93	0.	92	0.	91	0.	89	0.
216	95	10.00	94	10.00	93	0.	92	0.	90	0.	89	0.
220	96	10.00	94	10.00	93	0.	91	0.	90	0.	89	0.
225	96	20.00	94	10.00	93	0.	91	0.	90	0.	88	0.
229	96	20.00	94	10.00	93	0.	91	0.	90	0.	89	0.
234	96	30.00	94	10.00	93	0.	91	0.	90	0.	88	0.
238	96	30.00	94	20.00	93	10.00	91	0.	90	0.	88	0.
243	97	40.00	94	20.00	92	10.00	91	0.	90	0.	88	0.
247	97	50.00	94	30.00	92	10.00	91	0.	89	0.	88	0.
252	96	60.00	92	20.00	91	0.	89	0.	88	0.	86	0.
256	95	80.00	91	0.	89	0.	88	0.	86	0.	85	0.
261	92	50.00	89	0.	87	0.	86	0.	85	0.	83	0.
265	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
270	90	0.	88	0.	87	0.	86	0.	84	0.	83	0.
274	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
279	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
283	96	90.00	91	0.	89	0.	88	0.	86	0.	85	0.
288	96	60.00	93	30.00	91	0.	89	0.	88	0.	87	0.
292	97	60.00	95	40.00	93	20.00	91	0.	89	0.	88	0.
297	97	50.00	95	30.00	93	20.00	91	0.	90	0.	88	0.
301	97	40.00	95	30.00	93	20.00	91	0.	90	0.	89	0.
306	97	30.00	95	20.00	93	10.00	91	0.	90	0.	89	0.

TABLE 20 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
310	96	30.00	94	10.00	93	0.	91	0.	90	0.	88	0.
315	95	20.00	93	10.00	92	0.	91	0.	89	0.	88	0.
319	95	10.00	93	0.	92	0.	90	0.	89	0.	87	0.
324	94	10.00	93	0.	92	0.	90	0.	89	0.	87	0.
328	94	10.00	93	0.	91	0.	90	0.	89	0.	87	0.
333	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
337	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
342	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
346	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
351	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
355	94	10.00	93	0.	91	0.	90	0.	88	0.	87	0.
360	94	10.00	92	0.	91	0.	90	0.	88	0.	87	0.
AVERAGE SHIELDING		33.50		10.37		3.00		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		95		93		92		90		89		87

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 20

SHIELDING OF TARGET AT POSITION E
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
3	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
7	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
10	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
14	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
18	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
21	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
25	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
28	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
32	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
36	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
39	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
43	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
46	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
50	94	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
54	94	20.00	93	10.00	91	0.	90	0.	89	0.	88	0.
57	94	20.00	93	10.00	92	0.	91	0.	89	0.	88	0.
61	95	30.00	93	20.00	92	10.00	91	0.	90	0.	88	0.
64	95	40.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
68	96	50.00	94	30.00	92	20.00	91	0.	90	0.	89	0.
72	96	70.00	94	40.00	92	20.00	91	0.	89	0.	88	0.
75	95	60.00	92	30.00	91	0.	90	0.	88	0.	87	0.
79	94	80.00	91	0.	89	0.	88	0.	87	0.	86	0.
82	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
86	90	10.00	89	0.	88	0.	87	0.	85	0.	84	0.
90	90	10.00	89	0.	88	0.	87	0.	85	0.	84	0.
93	90	0.	89	0.	88	0.	87	0.	85	0.	84	0.
97	91	40.00	89	0.	88	0.	87	0.	86	0.	85	0.
100	0	100.00	91	20.00	89	0.	88	0.	87	0.	86	0.
104	96	90.00	93	40.00	91	10.00	90	0.	89	0.	87	0.
108	96	60.00	94	40.00	92	20.00	91	0.	90	0.	88	0.
111	96	50.00	94	30.00	93	20.00	91	0.	90	0.	89	0.
115	96	40.00	94	30.00	93	20.00	91	0.	90	0.	89	0.
118	96	30.00	94	20.00	93	10.00	91	0.	90	0.	89	0.
122	96	30.00	94	20.00	93	10.00	91	0.	90	0.	89	0.

TABLE 20 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
126	95	20.00	93	10.00	92	0.	91	0.	90	0.	89	0.
129	94	10.00	93	10.00	92	0.	91	0.	89	0.	88	0.
133	94	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
136	95	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
140	95	10.00	94	10.00	93	0.	91	0.	90	0.	89	0.
144	0	100.00	94	10.00	93	0.	92	0.	91	0.	90	0.
147	0	100.00	95	10.00	94	10.00	93	0.	92	0.	91	0.
151	0	100.00	97	50.00	95	10.00	94	0.	93	0.	91	0.
154	0	100.00	0	100.00	95	10.00	94	10.00	93	0.	92	0.
158	0	100.00	0	100.00	96	10.00	95	10.00	94	0.	92	0.
162	0	100.00	0	100.00	96	10.00	95	10.00	94	0.	93	0.
165	0	100.00	0	100.00	97	20.00	95	10.00	94	10.00	93	0.
169	0	100.00	0	100.00	97	30.00	96	10.00	94	10.00	93	0.
172	0	100.00	0	100.00	98	50.00	96	10.00	95	10.00	94	0.
176	0	100.00	0	100.00	98	40.00	96	10.00	95	10.00	93	0.
180	0	100.00	0	100.00	98	50.00	96	10.00	95	10.00	94	0.
183	0	100.00	0	100.00	98	30.00	96	10.00	95	10.00	93	0.
187	0	100.00	0	100.00	98	30.00	96	10.00	95	10.00	94	0.
190	0	100.00	0	100.00	97	10.00	96	10.00	94	10.00	93	0.
194	0	100.00	100	80.00	96	10.00	95	10.00	94	0.	93	0.
198	0	100.00	99	70.00	96	10.00	95	10.00	94	0.	93	0.
201	0	100.00	98	30.00	96	10.00	95	0.	94	0.	92	0.
205	0	100.00	97	10.00	95	10.00	94	0.	93	0.	92	0.
208	0	100.00	96	10.00	95	10.00	94	0.	93	0.	92	0.
212	0	100.00	96	10.00	94	10.00	93	0.	92	0.	91	0.
216	99	60.00	95	10.00	94	0.	93	0.	92	0.	90	0.
219	96	30.00	95	10.00	93	0.	92	0.	91	0.	90	0.
223	95	10.00	94	10.00	93	0.	92	0.	91	0.	90	0.
226	95	10.00	94	10.00	93	0.	91	0.	90	0.	89	0.
230	95	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
234	95	20.00	93	10.00	92	0.	91	0.	90	0.	89	0.
237	95	20.00	93	10.00	92	0.	91	0.	90	0.	89	0.
241	95	20.00	93	10.00	92	0.	91	0.	90	0.	89	0.
244	95	30.00	94	20.00	92	10.00	91	0.	90	0.	89	0.

TABLE 20 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
248	95	40.00	94	30.00	92	10.00	91	0.	90	0.	88	0.
252	96	60.00	93	30.00	92	10.00	90	0.	89	0.	88	0.
255	95	70.00	92	30.00	90	0.	89	0.	88	0.	87	0.
259	94	80.00	90	10.00	89	0.	88	0.	87	0.	86	0.
262	91	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
266	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
270	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
273	90	0.	89	0.	88	0.	86	0.	85	0.	84	0.
277	91	40.00	89	0.	88	0.	87	0.	86	0.	85	0.
280	94	60.00	90	0.	89	0.	88	0.	87	0.	86	0.
284	95	70.00	92	30.00	90	0.	89	0.	88	0.	87	0.
288	95	50.00	93	30.00	91	10.00	90	0.	89	0.	88	0.
291	96	50.00	94	30.00	92	20.00	91	0.	90	0.	89	0.
295	95	40.00	94	30.00	92	10.00	91	0.	90	0.	89	0.
298	95	30.00	94	20.00	92	10.00	91	0.	90	0.	89	0.
302	94	20.00	93	10.00	92	0.	91	0.	89	0.	88	0.
306	94	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
309	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
313	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
316	93	10.00	92	0.	91	0.	90	0.	89	0.	87	0.
320	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
324	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
327	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
331	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
334	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
338	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
342	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
345	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
349	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
352	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
356	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
360	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
AVERAGE SHIELDING		39.00		21.50		6.00		1.30		0.80		0.
AVERAGE TARGET CONTACT ANGLE		94		93		92		91		90		88

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 20

SHIELDING OF TARGET AT POSITION E
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
6	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
9	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
12	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
15	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
18	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
21	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
24	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
27	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
30	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
33	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
36	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
39	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
42	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
45	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
48	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
51	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
54	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
57	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
60	93	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
63	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
66	94	30.00	92	10.00	91	0.	90	0.	89	0.	89	0.
69	94	30.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
72	95	50.00	93	30.00	92	10.00	91	0.	90	0.	89	0.
75	95	70.00	93	40.00	92	20.00	91	0.	90	0.	89	0.
78	94	60.00	92	20.00	91	0.	90	0.	89	0.	88	0.
81	93	80.00	90	10.00	89	0.	89	0.	88	0.	87	0.
84	90	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
87	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
90	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
93	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
96	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
99	0	100.00	91	20.00	90	0.	89	0.	88	0.	87	0.
102	95	90.00	92	40.00	91	10.00	90	0.	89	0.	88	0.

TABLE 20 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
105	95	60.00	93	40.00	92	20.00	91	0.	90	0.	89	0.
108	95	50.00	93	30.00	92	20.00	91	0.	90	0.	89	0.
111	95	40.00	93	30.00	92	10.00	91	0.	90	0.	89	0.
114	94	30.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
117	94	20.00	93	10.00	92	10.00	91	0.	90	0.	89	0.
120	94	20.00	92	10.00	92	0.	91	0.	90	0.	89	0.
123	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
126	93	10.00	92	0.	91	0.	91	0.	90	0.	89	0.
129	94	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
132	96	70.00	93	10.00	92	0.	91	0.	90	0.	89	0.
135	0	100.00	94	10.00	93	0.	92	0.	91	0.	90	0.
138	0	100.00	94	10.00	93	10.00	93	0.	92	0.	91	0.
141	0	100.00	96	40.00	94	10.00	93	0.	92	0.	91	0.
144	0	100.00	0	100.00	95	10.00	94	10.00	93	0.	92	0.
147	0	100.00	0	100.00	95	10.00	95	10.00	94	0.	93	0.
150	0	100.00	0	100.00	97	40.00	95	10.00	94	10.00	93	0.
153	0	100.00	0	100.00	98	60.00	96	10.00	95	10.00	94	0.
156	0	100.00	0	100.00	98	70.00	96	10.00	95	10.00	94	0.
159	0	100.00	0	100.00	99	80.00	96	10.00	95	10.00	94	0.
162	0	100.00	0	100.00	99	80.00	96	10.00	95	10.00	94	10.00
165	0	100.00	0	100.00	99	70.00	96	10.00	95	10.00	94	10.00
168	0	100.00	0	100.00	99	60.00	96	10.00	95	10.00	94	10.00
171	0	100.00	0	100.00	98	50.00	96	10.00	95	10.00	94	10.00
174	0	100.00	0	100.00	98	50.00	96	10.00	95	10.00	95	10.00
177	0	100.00	0	100.00	98	50.00	96	10.00	95	10.00	94	10.00
180	0	100.00	0	100.00	98	50.00	96	10.00	95	10.00	94	10.00
183	0	100.00	0	100.00	98	50.00	96	10.00	95	10.00	94	10.00
186	0	100.00	0	100.00	98	40.00	96	10.00	95	10.00	94	10.00
189	0	100.00	100	90.00	98	30.00	96	10.00	95	10.00	94	10.00
192	0	100.00	100	90.00	98	30.00	96	10.00	95	10.00	94	0.
195	0	100.00	100	90.00	98	30.00	96	10.00	95	10.00	94	0.
198	0	100.00	100	90.00	98	30.00	96	10.00	95	10.00	94	0.
201	0	100.00	100	90.00	98	30.00	96	10.00	95	10.00	94	0.
204	0	100.00	0	100.00	98	30.00	96	10.00	95	10.00	94	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
207	0	100.00	0	100.00	97	30.00	96	10.00	95	10.00	94	0.
210	0	100.00	0	100.00	97	20.00	96	10.00	95	10.00	94	0.
213	0	100.00	99	80.00	96	10.00	95	10.00	94	0.	93	0.
216	0	100.00	97	50.00	95	10.00	94	10.00	93	0.	93	0.
219	0	100.00	96	10.00	95	10.00	94	10.00	93	0.	92	0.
222	0	100.00	95	10.00	94	10.00	93	0.	92	0.	91	0.
225	97	70.00	94	10.00	94	10.00	93	0.	92	0.	91	0.
228	97	90.00	94	10.00	93	0.	92	0.	91	0.	90	0.
231	94	10.00	93	10.00	92	0.	92	0.	91	0.	90	0.
234	94	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
237	94	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
240	93	10.00	92	10.00	91	0.	91	0.	90	0.	89	0.
243	94	20.00	92	10.00	92	0.	91	0.	90	0.	89	0.
246	94	20.00	93	10.00	92	0.	91	0.	90	0.	89	0.
249	94	30.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
252	94	40.00	93	20.00	91	10.00	91	0.	90	0.	89	0.
255	95	70.00	93	40.00	92	20.00	90	0.	89	0.	88	0.
258	94	70.00	92	30.00	90	0.	89	0.	88	0.	88	0.
261	93	80.00	90	10.00	89	0.	88	0.	87	0.	87	0.
264	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
267	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
270	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
273	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
276	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
279	93	80.00	90	10.00	89	0.	88	0.	87	0.	86	0.
282	94	60.00	92	20.00	90	0.	89	0.	88	0.	87	0.
285	95	70.00	93	30.00	91	10.00	90	0.	89	0.	88	0.
288	94	40.00	93	30.00	92	20.00	91	0.	90	0.	89	0.
291	94	40.00	93	30.00	92	10.00	91	0.	90	0.	89	0.
294	94	30.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
297	94	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
300	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
303	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
306	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
309	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
312	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
315	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
318	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
321	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
324	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
327	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
330	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
333	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
336	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
339	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
342	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
345	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
348	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
351	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
354	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
357	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
360	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
AVERAGE SHIELDING		40.42		26.58		10.67		2.17		1.75		0.83
AVERAGE TARGET CONTACT ANGLE		93		92		92		91		90		89

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8

SHIELDING OF TARGET AT POSITION E

RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
5	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
7	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
10	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
12	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
15	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
18	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
20	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
23	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
25	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
28	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
30	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
33	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
36	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
38	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
41	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
43	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
46	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
48	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
51	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
54	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
56	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
59	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
61	92	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
64	92	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
66	93	20.00	92	10.00	91	0.	90	0.	89	0.	89	0.
69	93	20.00	92	10.00	91	0.	90	0.	89	0.	89	0.
72	93	30.00	92	20.00	91	10.00	90	0.	90	0.	89	0.
74	94	40.00	93	30.00	91	10.00	90	0.	90	0.	89	0.
77	94	60.00	93	30.00	91	10.00	90	0.	90	0.	89	0.
79	94	90.00	92	30.00	90	0.	90	0.	89	0.	88	0.
82	93	80.00	90	10.00	90	0.	89	0.	88	0.	87	0.
84	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
87	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
90	90	10.00	89	0.	88	0.	87	0.	87	0.	86	0.
92	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
95	91	40.00	89	0.	88	0.	88	0.	87	0.	86	0.
97	93	80.00	91	20.00	90	0.	89	0.	88	0.	87	0.
100	0	100.00	92	40.00	91	10.00	90	0.	89	0.	88	0.
102	94	60.00	93	40.00	91	20.00	90	0.	90	0.	89	0.
105	94	50.00	93	30.00	92	20.00	91	0.	90	0.	89	0.
108	94	30.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
110	94	30.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
113	93	20.00	92	10.00	92	10.00	91	0.	90	0.	89	0.
115	93	10.00	92	10.00	91	0.	90	0.	89	0.	89	0.
118	92	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
120	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
123	93	10.00	92	0.	91	0.	90	0.	90	0.	89	0.
126	0	100.00	93	10.00	92	0.	91	0.	90	0.	89	0.
128	0	100.00	93	10.00	93	0.	92	0.	91	0.	90	0.
131	0	100.00	95	30.00	93	10.00	92	0.	92	0.	91	0.
133	0	100.00	96	60.00	94	10.00	93	0.	92	0.	91	0.
136	0	100.00	96	70.00	94	10.00	93	10.00	93	0.	92	0.
138	0	100.00	97	90.00	95	10.00	94	10.00	93	0.	92	0.
141	0	100.00	0	100.00	96	30.00	94	10.00	94	10.00	93	0.
144	0	100.00	0	100.00	97	50.00	95	10.00	94	10.00	93	0.
146	0	100.00	0	100.00	97	50.00	95	10.00	94	10.00	93	0.
149	0	100.00	0	100.00	97	40.00	95	10.00	94	10.00	94	0.
151	0	100.00	99	80.00	97	30.00	95	10.00	94	10.00	94	0.
154	0	100.00	98	70.00	96	20.00	95	10.00	95	10.00	94	0.
156	0	100.00	98	70.00	96	20.00	95	10.00	95	10.00	94	0.
159	0	100.00	98	50.00	96	10.00	95	10.00	95	10.00	94	0.
162	0	100.00	98	50.00	96	10.00	95	10.00	95	10.00	94	0.
164	100	90.00	98	40.00	96	10.00	95	10.00	95	10.00	94	0.
167	99	80.00	98	40.00	96	10.00	95	10.00	95	10.00	94	0.
169	99	60.00	97	20.00	96	10.00	95	10.00	94	10.00	94	0.
172	99	60.00	97	20.00	96	10.00	95	10.00	94	10.00	93	0.
174	98	50.00	97	10.00	96	10.00	95	10.00	94	0.	93	0.

TABLE 20 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
177	98	50.00	97	10.00	96	10.00	95	10.00	94	0.	93	0.
180	98	40.00	97	10.00	96	10.00	95	10.00	94	0.	93	0.
182	98	50.00	97	10.00	96	10.00	95	10.00	94	0.	93	0.
185	98	40.00	97	10.00	96	10.00	95	10.00	94	0.	93	0.
187	98	40.00	97	10.00	96	10.00	95	10.00	94	0.	93	0.
190	99	50.00	97	10.00	96	10.00	95	10.00	94	10.00	94	0.
192	99	50.00	97	10.00	96	10.00	95	10.00	95	0.	94	0.
195	99	60.00	97	20.00	96	10.00	95	10.00	95	0.	94	0.
198	99	60.00	97	20.00	96	10.00	95	10.00	95	0.	94	0.
200	99	60.00	97	20.00	96	10.00	95	10.00	95	0.	94	0.
203	99	70.00	97	20.00	96	10.00	95	10.00	95	0.	94	0.
205	99	70.00	97	30.00	96	10.00	95	10.00	95	10.00	94	0.
208	100	90.00	98	40.00	96	10.00	95	10.00	95	10.00	94	0.
210	0	100.00	98	40.00	96	10.00	95	10.00	95	10.00	94	0.
213	0	100.00	98	60.00	96	10.00	95	10.00	94	10.00	94	0.
216	0	100.00	98	70.00	96	20.00	95	10.00	94	10.00	94	0.
218	0	100.00	99	90.00	96	20.00	95	10.00	94	10.00	93	0.
221	0	100.00	98	90.00	96	10.00	95	10.00	94	10.00	93	0.
223	0	100.00	97	60.00	95	10.00	94	10.00	93	10.00	93	0.
226	0	100.00	96	40.00	94	10.00	94	10.00	93	0.	92	0.
228	0	100.00	95	10.00	94	10.00	93	0.	92	0.	91	0.
231	0	100.00	94	10.00	93	0.	92	0.	91	0.	91	0.
234	0	100.00	93	10.00	92	0.	92	0.	91	0.	90	0.
236	94	20.00	93	10.00	92	0.	91	0.	90	0.	89	0.
239	93	10.00	92	0.	91	0.	91	0.	90	0.	89	0.
241	93	10.00	92	0.	91	0.	90	0.	90	0.	89	0.
244	93	10.00	92	0.	91	0.	90	0.	89	0.	89	0.
246	93	20.00	92	10.00	91	0.	90	0.	90	0.	89	0.
249	93	20.00	92	10.00	91	0.	90	0.	90	0.	89	0.
252	93	30.00	92	20.00	91	10.00	91	0.	90	0.	89	0.
254	94	40.00	93	30.00	91	10.00	90	0.	90	0.	89	0.
257	94	60.00	93	40.00	91	20.00	90	0.	89	0.	89	0.
259	94	80.00	92	30.00	90	0.	89	0.	89	0.	88	0.
262	93	90.00	90	10.00	89	0.	89	0.	88	0.	87	0.

TABLE 20 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
264	90	20.00	89	0.	88	0.	87	0.	87	0.	86	0.
267	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
270	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
272	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
275	90	20.00	89	0.	88	0.	87	0.	87	0.	86	0.
277	93	90.00	90	10.00	89	0.	89	0.	88	0.	87	0.
280	93	70.00	91	20.00	90	0.	89	0.	89	0.	88	0.
282	94	60.00	92	30.00	91	10.00	90	0.	89	0.	88	0.
285	94	50.00	93	30.00	91	10.00	90	0.	90	0.	89	0.
288	94	40.00	92	20.00	91	10.00	91	0.	90	0.	89	0.
290	93	30.00	92	20.00	91	10.00	91	0.	90	0.	89	0.
293	93	20.00	92	10.00	91	0.	90	0.	89	0.	89	0.
295	92	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
298	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
300	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
303	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
306	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
308	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
311	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
313	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
316	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
318	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
321	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
324	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
326	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
329	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
331	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
334	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
336	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
339	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
342	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
344	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
347	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
349	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
352	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
354	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
357	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
360	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
AVERAGE SHIELDING		37.57		17.50		5.50		2.57		1.57		0.
AVERAGE TARGET CONTACT ANGLE		93		93		92		91		90		89

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE X

SHIELDING OF TARGET AT POSITION E

RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
2	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
4	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
6	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
9	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
11	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
13	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
15	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
18	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
20	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
22	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
24	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
27	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
29	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
31	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
33	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
36	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
38	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
40	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
42	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
45	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
47	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
49	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
51	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
54	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
56	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
58	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
60	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
63	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
65	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
67	92	10.00	91	10.00	91	0.	90	0.	89	0.	89	0.
69	92	20.00	92	10.00	91	0.	90	0.	89	0.	89	0.
72	93	20.00	92	10.00	91	0.	90	0.	89	0.	89	0.
74	93	30.00	92	20.00	91	10.00	90	0.	90	0.	89	0.
76	93	40.00	92	20.00	91	10.00	90	0.	90	0.	89	0.

TABLE 8 (CON,)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
78	94	60.00	92	30.00	91	10.00	90	0.	90	0.	89	0.
81	0	100.00	92	40.00	90	0.	90	0.	89	0.	88	0.
83	92	80.00	90	10.00	90	0.	89	0.	88	0.	87	0.
85	90	20.00	89	0.	89	0.	88	0.	87	0.	86	0.
87	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
90	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
92	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
94	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
96	0	100.00	90	10.00	90	0.	89	0.	88	0.	87	0.
99	0	100.00	92	50.00	91	20.00	90	0.	89	0.	88	0.
101	94	70.00	92	40.00	91	20.00	90	0.	90	0.	89	0.
103	94	50.00	92	30.00	91	20.00	91	0.	90	0.	89	0.
105	93	40.00	92	30.00	91	10.00	91	0.	90	0.	89	0.
108	93	30.00	92	20.00	91	10.00	91	0.	90	0.	89	0.
110	93	20.00	92	10.00	91	10.00	91	0.	90	0.	89	0.
112	92	10.00	92	10.00	91	0.	90	0.	89	0.	89	0.
114	92	10.00	91	0.	91	0.	90	0.	89	0.	89	0.
117	92	10.00	92	0.	91	0.	90	0.	89	0.	89	0.
119	0	100.00	92	0.	91	0.	90	0.	90	0.	89	0.
121	0	100.00	92	10.00	92	0.	91	0.	90	0.	90	0.
123	0	100.00	93	20.00	92	0.	92	0.	91	0.	90	0.
126	0	100.00	94	50.00	93	10.00	92	0.	91	0.	91	0.
128	0	100.00	95	50.00	93	10.00	92	0.	92	0.	91	0.
130	0	100.00	95	40.00	93	10.00	93	0.	92	0.	91	0.
132	0	100.00	95	50.00	94	10.00	93	10.00	92	0.	92	0.
135	0	100.00	96	60.00	94	10.00	94	10.00	93	0.	92	0.
137	0	100.00	97	70.00	95	10.00	94	10.00	93	10.00	92	0.
139	0	100.00	97	70.00	95	10.00	94	10.00	94	10.00	93	0.
141	0	100.00	97	70.00	95	10.00	94	10.00	94	10.00	93	0.
144	0	100.00	97	60.00	95	10.00	95	10.00	94	10.00	93	0.
146	0	100.00	97	50.00	95	10.00	95	10.00	94	10.00	93	0.
148	98	70.00	96	30.00	95	10.00	95	10.00	94	0.	93	0.
150	98	60.00	96	20.00	95	10.00	94	10.00	94	0.	93	0.
153	97	30.00	96	10.00	95	10.00	94	10.00	93	0.	93	0.

TABLE 20 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
155	96	10.00	95	10.00	94	10.00	94	0.	93	0.	92	0.
157	96	10.00	95	10.00	94	10.00	93	0.	93	0.	92	0.
159	95	10.00	95	10.00	94	0.	93	0.	93	0.	92	0.
162	95	10.00	95	10.00	94	0.	93	0.	92	0.	92	0.
164	95	10.00	94	10.00	94	0.	93	0.	92	0.	92	0.
166	95	10.00	94	10.00	94	0.	93	0.	92	0.	91	0.
168	95	10.00	94	10.00	93	0.	93	0.	92	0.	91	0.
171	95	10.00	94	0.	93	0.	93	0.	92	0.	91	0.
173	95	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
175	95	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
177	95	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
180	95	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
182	95	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
184	95	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
186	95	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
189	95	10.00	94	0.	93	0.	93	0.	92	0.	91	0.
191	95	10.00	94	0.	93	0.	93	0.	92	0.	91	0.
193	95	10.00	94	0.	93	0.	93	0.	92	0.	91	0.
195	95	10.00	94	0.	94	0.	93	0.	92	0.	91	0.
198	95	10.00	94	0.	94	0.	93	0.	92	0.	91	0.
200	95	10.00	95	0.	94	0.	93	0.	92	0.	92	0.
202	96	10.00	95	10.00	94	0.	93	0.	93	0.	92	0.
204	96	10.00	95	10.00	94	0.	94	0.	93	0.	92	0.
207	96	10.00	95	10.00	95	10.00	94	0.	93	0.	93	0.
209	97	10.00	96	10.00	95	10.00	94	10.00	94	0.	93	0.
211	97	30.00	96	10.00	95	10.00	95	10.00	94	0.	93	0.
213	97	40.00	96	10.00	95	10.00	95	10.00	94	0.	93	0.
215	98	50.00	96	10.00	95	10.00	95	10.00	94	0.	93	0.
218	98	70.00	96	20.00	95	10.00	95	10.00	94	10.00	93	0.
220	98	90.00	97	40.00	95	10.00	95	10.00	94	10.00	93	0.
222	0	100.00	97	60.00	95	10.00	95	10.00	94	10.00	93	0.
225	0	100.00	97	70.00	95	10.00	94	10.00	94	10.00	93	0.
227	0	100.00	0	100.00	95	20.00	94	10.00	94	10.00	93	0.
229	0	100.00	97	80.00	94	10.00	94	10.00	93	0.	92	0.

TABLE 20 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
231	0	100.00	96	60.00	94	10.00	93	10.00	93	0.	92	0.
234	0	100.00	95	40.00	93	10.00	93	0.	92	0.	91	0.
236	0	100.00	93	10.00	93	10.00	92	0.	91	0.	91	0.
238	0	100.00	93	10.00	92	0.	91	0.	91	0.	90	0.
240	0	100.00	92	10.00	92	0.	91	0.	90	0.	90	0.
243	93	40.00	92	0.	91	0.	91	0.	90	0.	89	0.
245	92	10.00	92	0.	91	0.	90	0.	90	0.	89	0.
247	92	10.00	92	0.	91	0.	90	0.	89	0.	89	0.
249	93	20.00	92	10.00	91	0.	90	0.	90	0.	89	0.
252	93	20.00	92	10.00	91	0.	90	0.	90	0.	89	0.
254	93	40.00	92	20.00	91	10.00	90	0.	90	0.	89	0.
256	93	40.00	92	30.00	91	10.00	90	0.	90	0.	89	0.
258	93	60.00	92	40.00	91	20.00	90	0.	89	0.	89	0.
261	93	90.00	91	30.00	90	0.	89	0.	89	0.	88	0.
263	0	100.00	90	10.00	89	0.	89	0.	88	0.	87	0.
265	90	20.00	89	0.	88	0.	88	0.	87	0.	86	0.
267	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
270	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
272	90	10.00	89	0.	88	0.	88	0.	87	0.	86	0.
274	90	20.00	89	0.	88	0.	88	0.	87	0.	86	0.
276	0	100.00	90	10.00	89	0.	89	0.	88	0.	87	0.
279	93	80.00	91	30.00	90	0.	89	0.	89	0.	88	0.
281	93	50.00	92	20.00	91	10.00	90	0.	89	0.	89	0.
283	93	40.00	92	20.00	91	10.00	90	0.	90	0.	89	0.
285	93	40.00	92	20.00	91	10.00	90	0.	90	0.	89	0.
288	93	30.00	92	20.00	91	10.00	90	0.	90	0.	89	0.
290	92	20.00	92	10.00	91	0.	90	0.	89	0.	89	0.
292	92	10.00	91	10.00	91	0.	90	0.	89	0.	88	0.
294	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
297	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
299	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
301	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
303	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
306	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.

TABLE 20 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
308	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
310	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
312	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
315	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
317	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
319	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
321	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
324	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
326	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
328	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
330	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
333	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
335	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
337	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
339	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
342	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
344	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
346	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
348	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
351	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
353	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
355	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
357	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
360	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
AVERAGE SHIELDING		28.87		12.12		3.12		1.31		0.62		0.
AVERAGE TARGET CONTACT ANGLE		93		92		92		91		90		89

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE 1

TABLE 21
SHIELDING OF TARGET AT POSITION A
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
18	102	60.00	88	0.	82	0.	77	0.	71	0.	66	0.
36	91	10.00	85	0.	79	0.	74	0.	69	0.	64	0.
54	90	0.	84	0.	79	0.	73	0.	68	0.	63	0.
72	90	0.	85	0.	79	0.	74	0.	68	0.	64	0.
90	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
108	94	10.00	88	0.	82	0.	77	0.	72	0.	67	0.
126	105	40.00	95	0.	89	0.	83	0.	78	0.	72	0.
144	108	30.00	100	0.	94	0.	88	0.	83	0.	77	0.
162	111	30.00	103	0.	97	0.	92	0.	86	0.	80	0.
180	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
198	111	30.00	103	0.	98	0.	92	0.	86	0.	81	0.
216	108	30.00	100	0.	94	0.	88	0.	83	0.	77	0.
234	105	40.00	95	0.	89	0.	84	0.	78	0.	73	0.
252	94	10.00	89	0.	83	0.	77	0.	72	0.	67	0.
270	92	0.	86	0.	80	0.	75	0.	70	0.	65	0.
288	91	0.	86	0.	80	0.	75	0.	69	0.	64	0.
306	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
324	94	20.00	86	0.	81	0.	75	0.	70	0.	65	0.
342	103	60.00	88	0.	83	0.	77	0.	72	0.	67	0.
360	106	80.00	89	0.	83	0.	78	0.	72	0.	67	0.
AVERAGE SHIELDING		22.50		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		99		90		85		79		74		69

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

1
2
2
3
4
3
17

TABLE X

SHIELDING OF TARGET AT POSITION A
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
9	0	100.00	104	70.00	100	50.00	95	20.00	91	0.	88	0.
18	0	100.00	104	70.00	99	40.00	94	20.00	90	0.	87	0.
27	0	100.00	103	70.00	97	40.00	92	10.00	89	0.	86	0.
36	0	100.00	101	70.00	96	40.00	91	0.	88	0.	85	0.
45	0	100.00	98	60.00	91	10.00	88	0.	85	0.	83	0.
54	0	100.00	92	20.00	88	0.	86	0.	83	0.	80	0.
63	0	100.00	88	0.	85	0.	82	0.	80	0.	77	0.
72	90	0.	87	0.	84	0.	81	0.	78	0.	76	0.
81	90	0.	87	0.	84	0.	81	0.	78	0.	76	0.
90	90	0.	87	0.	85	0.	82	0.	79	0.	76	0.
99	93	30.00	89	0.	86	0.	83	0.	80	0.	78	0.
108	101	70.00	93	0.	90	0.	87	0.	84	0.	81	0.
117	103	60.00	96	10.00	93	0.	91	0.	88	0.	85	0.
126	105	40.00	100	10.00	97	0.	94	0.	91	0.	88	0.
135	106	30.00	102	10.00	99	0.	96	0.	93	0.	91	0.
144	106	20.00	103	10.00	100	0.	97	0.	95	0.	92	0.
153	106	10.00	103	10.00	101	0.	98	0.	95	0.	92	0.
162	107	20.00	104	10.00	101	0.	98	0.	95	0.	92	0.
171	106	10.00	104	10.00	101	0.	98	0.	95	0.	93	0.
180	106	10.00	104	0.	101	0.	98	0.	95	0.	93	0.
189	106	10.00	104	10.00	101	0.	98	0.	95	0.	93	0.
198	107	20.00	104	10.00	101	0.	98	0.	95	0.	93	0.
207	106	10.00	104	10.00	101	0.	98	0.	95	0.	92	0.
216	107	20.00	103	10.00	101	0.	98	0.	95	0.	92	0.
225	106	30.00	103	20.00	99	0.	97	0.	94	0.	91	0.
234	107	60.00	100	10.00	97	0.	94	0.	92	0.	89	0.
243	104	70.00	96	10.00	94	0.	91	0.	88	0.	85	0.
252	100	60.00	93	0.	90	0.	87	0.	84	0.	81	0.
261	93	20.00	89	0.	86	0.	84	0.	81	0.	78	0.
270	91	0.	88	0.	85	0.	82	0.	80	0.	77	0.
279	91	0.	88	0.	85	0.	82	0.	79	0.	77	0.
288	91	10.00	88	0.	85	0.	82	0.	79	0.	77	0.
297	99	90.00	90	0.	87	0.	84	0.	81	0.	78	0.
306	0	100.00	93	20.00	90	0.	87	0.	84	0.	81	0.

3.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
315	0	100,00	99	50,00	92	10.00	90	0,	87	0.	84	0,
324	0	100.00	101	60.00	96	30.00	92	0,	89	0.	86	0,
333	0	100.00	103	60,00	97	30.00	93	10,00	90	0.	87	0,
342	0	100.00	104	70.00	99	40.00	95	20.00	91	0.	88	0,
351	0	100.00	104	70.00	99	40.00	95	20.00	91	0.	88	0,
360	0	100.00	105	70.00	100	50.00	96	30.00	91	0.	88	0,
AVERAGE SHIELDING		52.50		22,75		9,50		3,25		0,		0,
AVERAGE TARGET CONTACT ANGLE		101		98		94		91		88		85

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 3
SHIELDING OF TARGET AT POSITION A
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
6	100	50.00	98	40.00	95	20.00	92	10.00	91	0.	89	0.
12	100	50.00	98	40.00	95	20.00	92	10.00	90	0.	89	0.
18	100	50.00	98	40.00	95	20.00	92	10.00	90	0.	88	0.
24	100	50.00	98	40.00	95	20.00	92	10.00	90	0.	88	0.
30	101	60.00	98	40.00	96	30.00	93	20.00	91	0.	89	0.
36	102	70.00	99	50.00	96	40.00	93	20.00	91	0.	89	0.
42	102	60.00	99	60.00	96	40.00	93	20.00	91	10.00	89	0.
48	0	100.00	100	70.00	96	40.00	93	20.00	91	10.00	89	0.
54	0	100.00	99	80.00	96	50.00	92	20.00	90	0.	88	0.
60	0	100.00	97	70.00	93	30.00	89	0.	88	0.	86	0.
66	0	100.00	93	40.00	89	0.	87	0.	85	0.	83	0.
72	95	90.00	88	0.	87	0.	85	0.	83	0.	81	0.
78	89	0.	88	0.	86	0.	84	0.	82	0.	80	0.
84	89	0.	88	0.	86	0.	84	0.	82	0.	80	0.
90	90	0.	88	0.	86	0.	84	0.	82	0.	80	0.
96	92	30.00	89	0.	87	0.	85	0.	83	0.	81	0.
102	95	50.00	91	0.	89	0.	87	0.	86	0.	84	0.
108	97	30.00	94	10.00	92	0.	90	0.	88	0.	86	0.
114	99	30.00	96	10.00	94	0.	92	0.	91	0.	89	0.
120	101	30.00	98	20.00	96	0.	94	0.	92	0.	90	0.
126	101	20.00	99	10.00	97	0.	95	0.	93	0.	91	0.
132	101	10.00	99	0.	97	0.	95	0.	93	0.	91	0.
138	101	10.00	99	0.	97	0.	96	0.	94	0.	92	0.
144	101	0.	99	0.	97	0.	96	0.	94	0.	92	0.
150	101	0.	99	0.	98	0.	96	0.	94	0.	92	0.
156	101	0.	100	0.	98	0.	96	0.	94	0.	92	0.
162	101	0.	100	0.	98	0.	96	0.	94	0.	92	0.
168	102	0.	100	0.	98	0.	96	0.	94	0.	92	0.
174	102	0.	100	0.	98	0.	96	0.	94	0.	92	0.
180	102	0.	100	0.	98	0.	96	0.	94	0.	92	0.
186	102	0.	100	0.	98	0.	96	0.	94	0.	92	0.
192	102	0.	100	0.	98	0.	96	0.	95	0.	93	0.
198	102	0.	100	0.	98	0.	97	0.	95	0.	93	0.
204	102	0.	100	0.	98	0.	97	0.	95	0.	93	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
210	102	0.	100	0.	98	0.	96	0.	94	0.	93	0.
216	102	0.	100	0.	98	0.	96	0.	94	0.	92	0.
222	101	10.00	100	0.	98	0.	96	0.	94	0.	92	0.
228	101	10.00	99	0.	98	0.	96	0.	94	0.	92	0.
234	102	20.00	99	10.00	97	0.	95	0.	94	0.	92	0.
240	101	30.00	99	20.00	97	10.00	95	0.	93	0.	91	0.
246	100	30.00	97	10.00	95	0.	93	0.	91	0.	89	0.
252	99	60.00	94	10.00	93	0.	91	0.	89	0.	87	0.
258	97	70.00	92	0.	90	0.	88	0.	86	0.	84	0.
264	92	20.00	89	0.	88	0.	86	0.	84	0.	82	0.
270	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
276	90	0.	89	0.	87	0.	85	0.	83	0.	81	0.
282	91	20.00	89	0.	87	0.	85	0.	83	0.	81	0.
288	0	100.00	90	0.	88	0.	86	0.	84	0.	82	0.
294	0	100.00	94	40.00	90	0.	89	0.	87	0.	85	0.
300	0	100.00	97	60.00	93	20.00	91	0.	89	0.	87	0.
306	0	100.00	100	70.00	96	40.00	93	20.00	91	0.	89	0.
312	0	100.00	100	60.00	97	40.00	94	20.00	91	10.00	90	0.
318	103	80.00	100	60.00	97	40.00	94	20.00	92	10.00	90	0.
324	102	60.00	99	50.00	96	30.00	94	20.00	91	0.	90	0.
330	101	50.00	98	40.00	95	20.00	93	10.00	91	0.	89	0.
336	100	40.00	97	30.00	95	20.00	92	10.00	90	0.	88	0.
342	100	40.00	97	30.00	95	20.00	92	10.00	90	0.	88	0.
348	100	40.00	97	30.00	95	20.00	92	10.00	90	0.	88	0.
354	100	50.00	97	30.00	95	20.00	92	10.00	91	0.	89	0.
360	101	50.00	98	40.00	96	30.00	93	10.00	91	0.	89	0.
AVERAGE SHIELDING		38.17		20.17		10.33		4.67		0.67		0.
AVERAGE TARGET CONTACT ANGLE		99		97		94		92		90		88

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE X

SHIELDING OF TARGET AT POSITION A
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
4	96	30.00	94	20.00	92	10.00	91	0.	89	0.	88	0.
9	96	30.00	94	20.00	92	10.00	91	0.	89	0.	88	0.
13	96	30.00	94	20.00	92	10.00	91	0.	89	0.	88	0.
18	96	30.00	94	20.00	92	10.00	91	0.	89	0.	88	0.
22	96	30.00	94	20.00	92	10.00	91	0.	89	0.	88	0.
27	96	30.00	94	20.00	92	10.00	91	0.	89	0.	88	0.
31	96	30.00	94	20.00	92	10.00	91	0.	89	0.	88	0.
36	97	40.00	95	30.00	93	20.00	91	10.00	90	0.	88	0.
40	98	50.00	95	30.00	94	20.00	92	10.00	90	0.	89	0.
45	98	60.00	96	40.00	94	30.00	92	20.00	91	10.00	89	0.
49	99	70.00	97	50.00	95	40.00	93	20.00	91	10.00	89	0.
54	100	80.00	97	60.00	96	50.00	93	30.00	91	10.00	90	0.
58	0	100.00	98	80.00	96	60.00	93	30.00	91	10.00	89	0.
63	0	100.00	97	80.00	95	60.00	92	30.00	90	0.	88	0.
67	0	100.00	96	80.00	92	40.00	90	0.	88	0.	87	0.
72	0	100.00	91	30.00	89	0.	87	0.	86	0.	85	0.
76	93	80.00	89	0.	87	0.	86	0.	84	0.	83	0.
81	89	0.	88	0.	86	0.	85	0.	84	0.	82	0.
85	89	0.	88	0.	87	0.	85	0.	84	0.	82	0.
90	89	0.	88	0.	87	0.	85	0.	84	0.	82	0.
94	91	30.00	89	0.	87	0.	86	0.	85	0.	83	0.
99	92	20.00	90	0.	89	0.	88	0.	86	0.	85	0.
103	95	30.00	93	10.00	91	0.	90	0.	88	0.	87	0.
108	96	20.00	94	10.00	93	0.	91	0.	90	0.	88	0.
112	97	20.00	95	10.00	94	0.	92	0.	91	0.	90	0.
117	97	10.00	96	0.	94	0.	93	0.	91	0.	90	0.
121	97	10.00	96	0.	95	0.	93	0.	92	0.	90	0.
126	97	0.	96	0.	95	0.	93	0.	92	0.	90	0.
130	97	0.	96	0.	95	0.	93	0.	92	0.	90	0.
135	98	0.	96	0.	95	0.	93	0.	92	0.	90	0.
139	98	0.	96	0.	95	0.	93	0.	92	0.	90	0.
144	98	0.	96	0.	95	0.	93	0.	92	0.	91	0.
148	98	0.	96	0.	95	0.	93	0.	92	0.	91	0.
153	98	0.	96	0.	95	0.	93	0.	92	0.	91	0.

TABLE 21 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
157	98	0.	96	0.	95	0.	94	0.	92	0.	91	0.
162	98	0.	96	0.	95	0.	94	0.	92	0.	91	0.
166	98	0.	97	0.	95	0.	94	0.	92	0.	91	0.
171	98	0.	97	0.	95	0.	94	0.	92	0.	91	0.
175	98	0.	97	0.	96	0.	94	0.	93	0.	91	0.
180	99	0.	97	0.	96	0.	94	0.	93	0.	91	0.
184	99	0.	97	0.	96	0.	95	0.	93	0.	92	0.
189	99	0.	98	0.	96	0.	95	0.	93	0.	92	0.
193	99	0.	98	0.	96	0.	95	0.	94	0.	92	0.
198	99	0.	98	0.	97	0.	95	0.	94	0.	92	0.
202	100	0.	98	0.	97	0.	95	0.	94	0.	92	0.
207	100	0.	98	0.	97	0.	95	0.	94	0.	93	0.
211	100	0.	98	0.	97	0.	96	0.	94	0.	93	0.
216	100	0.	98	0.	97	0.	95	0.	94	0.	93	0.
220	99	0.	98	0.	96	0.	95	0.	94	0.	92	0.
225	99	0.	98	0.	96	0.	95	0.	93	0.	92	0.
229	99	0.	97	0.	96	0.	94	0.	93	0.	92	0.
234	98	0.	97	0.	95	0.	94	0.	93	0.	91	0.
238	98	10.00	97	0.	95	0.	94	0.	92	0.	91	0.
243	98	10.00	96	0.	95	0.	93	0.	92	0.	91	0.
247	98	20.00	96	10.00	94	0.	93	0.	91	0.	90	0.
252	97	20.00	95	10.00	93	0.	92	0.	90	0.	89	0.
256	96	50.00	93	10.00	92	0.	90	0.	89	0.	87	0.
261	94	40.00	91	0.	90	0.	88	0.	87	0.	86	0.
265	91	20.00	90	0.	88	0.	87	0.	85	0.	84	0.
270	90	0.	89	0.	88	0.	86	0.	85	0.	83	0.
274	90	0.	89	0.	87	0.	86	0.	85	0.	83	0.
279	91	20.00	89	0.	88	0.	86	0.	85	0.	83	0.
283	0	100.00	90	0.	89	0.	87	0.	86	0.	84	0.
288	0	100.00	93	30.00	90	0.	89	0.	88	0.	86	0.
292	0	100.00	96	60.00	93	30.00	91	0.	89	0.	88	0.
297	99	90.00	97	60.00	94	30.00	92	10.00	90	0.	89	0.
301	99	70.00	96	50.00	94	30.00	92	10.00	90	0.	89	0.
306	98	50.00	95	30.00	93	20.00	92	10.00	90	0.	89	0.

TABLE 21 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
310	97	40.00	95	30.00	93	20.00	91	0.	90	0.	89	0.
315	96	30.00	94	20.00	92	10.00	91	0.	89	0.	88	0.
319	96	30.00	94	20.00	92	10.00	91	0.	89	0.	88	0.
324	95	20.00	93	10.00	92	10.00	90	0.	89	0.	88	0.
328	95	20.00	93	10.00	91	0.	90	0.	89	0.	87	0.
333	95	20.00	93	10.00	91	0.	90	0.	88	0.	87	0.
337	95	20.00	93	10.00	91	0.	90	0.	89	0.	87	0.
342	95	20.00	93	10.00	91	0.	90	0.	89	0.	87	0.
346	95	20.00	93	10.00	92	10.00	90	0.	89	0.	87	0.
351	95	20.00	93	10.00	92	10.00	90	0.	89	0.	87	0.
355	95	20.00	94	20.00	92	10.00	91	0.	89	0.	88	0.
360	96	30.00	94	20.00	92	10.00	91	0.	89	0.	88	0.
AVERAGE SHIELDING		26.50		13.62		7.37		2.25		0.50		0.
AVERAGE TARGET CONTACT ANGLE		96		95		93		91		90		88

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 2/

SHIELDING OF TARGET AT POSITION A
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	92	10.00	91	0.	90	0.	89	0.	88	0.	86	0.
7	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
10	92	10.00	91	10.00	90	0.	89	0.	88	0.	87	0.
14	93	10.00	92	10.00	90	0.	89	0.	88	0.	87	0.
18	93	10.00	92	10.00	91	0.	89	0.	88	0.	87	0.
21	93	10.00	92	10.00	91	0.	90	0.	88	0.	87	0.
25	94	20.00	92	10.00	91	0.	90	0.	89	0.	87	0.
28	94	20.00	92	10.00	91	10.00	90	0.	89	0.	88	0.
32	94	20.00	93	20.00	92	10.00	90	0.	89	0.	88	0.
36	95	30.00	94	20.00	92	10.00	91	10.00	90	0.	89	0.
39	95	30.00	94	20.00	93	20.00	91	10.00	90	0.	89	0.
43	96	40.00	94	30.00	93	20.00	92	10.00	90	0.	89	0.
46	96	40.00	95	30.00	93	20.00	92	10.00	91	10.00	89	0.
50	97	50.00	95	40.00	94	30.00	92	20.00	91	10.00	90	0.
54	97	60.00	96	50.00	94	30.00	92	20.00	91	10.00	90	0.
57	98	70.00	96	60.00	94	40.00	93	30.00	91	10.00	90	0.
61	98	90.00	97	70.00	95	50.00	93	30.00	91	20.00	90	0.
64	0	100.00	96	80.00	95	60.00	93	40.00	91	20.00	89	0.
68	0	100.00	96	90.00	93	50.00	92	30.00	90	0.	89	0.
72	0	100.00	94	80.00	92	40.00	90	10.00	89	0.	87	0.
75	0	100.00	91	40.00	89	0.	88	0.	87	0.	85	0.
79	92	70.00	89	0.	88	0.	86	0.	85	0.	84	0.
82	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
86	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
90	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
93	90	20.00	89	0.	88	0.	87	0.	85	0.	84	0.
97	92	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
100	93	20.00	92	10.00	91	0.	89	0.	88	0.	87	0.
104	94	20.00	93	10.00	92	0.	91	0.	90	0.	88	0.
108	95	10.00	94	10.00	93	0.	91	0.	90	0.	89	0.
111	95	10.00	94	0.	93	0.	92	0.	91	0.	89	0.
115	95	0.	94	0.	93	0.	92	0.	91	0.	89	0.
118	95	0.	94	0.	93	0.	92	0.	91	0.	89	0.
122	95	0.	94	0.	93	0.	92	0.	90	0.	89	0.

TABLE 21 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
126	95	0.	94	0.	93	0.	92	0.	90	0.	89	0.
129	95	0.	94	0.	93	0.	91	0.	90	0.	89	0.
133	95	0.	94	0.	93	0.	91	0.	90	0.	89	0.
136	95	0.	94	0.	92	0.	91	0.	90	0.	89	0.
140	95	0.	94	0.	92	0.	91	0.	90	0.	89	0.
144	95	0.	94	0.	92	0.	91	0.	90	0.	89	0.
147	95	0.	94	0.	93	0.	91	0.	90	0.	89	0.
151	95	0.	94	0.	93	0.	91	0.	90	0.	89	0.
154	95	0.	94	0.	93	0.	92	0.	90	0.	89	0.
158	95	0.	94	0.	93	0.	92	0.	91	0.	89	0.
162	95	0.	94	0.	93	0.	92	0.	91	0.	90	0.
165	95	0.	94	0.	93	0.	92	0.	91	0.	90	0.
169	96	0.	94	0.	93	0.	92	0.	91	0.	90	0.
172	96	0.	95	0.	94	0.	92	0.	91	0.	90	0.
176	96	0.	95	0.	94	0.	93	0.	92	0.	90	0.
180	96	0.	95	0.	94	0.	93	0.	92	0.	91	0.
183	97	0.	95	0.	94	0.	93	0.	92	0.	91	0.
187	97	0.	96	0.	95	0.	93	0.	92	0.	91	0.
190	97	0.	96	0.	95	0.	94	0.	92	0.	91	0.
194	97	0.	96	0.	95	0.	94	0.	93	0.	92	0.
198	97	0.	96	0.	95	0.	94	0.	93	0.	92	0.
201	98	0.	97	0.	95	0.	94	0.	93	0.	92	0.
205	98	0.	97	0.	96	0.	94	0.	93	0.	92	0.
208	98	0.	97	0.	96	0.	94	0.	93	0.	92	0.
212	98	0.	97	0.	96	0.	94	0.	93	0.	92	0.
216	98	0.	97	0.	96	0.	94	0.	93	0.	92	0.
219	98	0.	97	0.	95	0.	94	0.	93	0.	92	0.
223	98	0.	96	0.	95	0.	94	0.	93	0.	92	0.
226	97	0.	96	0.	95	0.	94	0.	93	0.	92	0.
230	97	0.	96	0.	95	0.	94	0.	93	0.	92	0.
234	97	0.	96	0.	95	0.	94	0.	92	0.	91	0.
237	97	0.	95	0.	94	0.	93	0.	92	0.	91	0.
241	96	0.	95	0.	94	0.	93	0.	92	0.	91	0.
244	96	10.00	95	0.	94	0.	93	0.	91	0.	90	0.

TABLE 31 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
248	96	10.00	95	0.	93	0.	92	0.	91	0.	90	0.
252	95	10.00	94	10.00	93	0.	92	0.	91	0.	90	0.
255	95	20.00	93	10.00	92	0.	91	0.	90	0.	89	0.
259	94	30.00	92	10.00	91	0.	90	0.	89	0.	88	0.
262	93	30.00	91	0.	90	0.	89	0.	87	0.	86	0.
266	91	20.00	90	0.	88	0.	87	0.	86	0.	85	0.
270	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
273	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
277	91	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
280	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
284	0	100.00	93	40.00	91	0.	89	0.	88	0.	87	0.
288	97	90.00	94	50.00	92	20.00	90	0.	89	0.	88	0.
291	96	70.00	95	50.00	92	20.00	91	10.00	90	0.	89	0.
295	96	60.00	94	30.00	92	20.00	91	0.	90	0.	89	0.
298	95	40.00	93	20.00	92	10.00	91	0.	89	0.	88	0.
302	95	30.00	93	20.00	92	10.00	90	0.	89	0.	88	0.
306	94	20.00	93	20.00	91	10.00	90	0.	89	0.	88	0.
309	94	20.00	93	10.00	91	10.00	90	0.	89	0.	88	0.
313	94	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
316	94	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
320	93	10.00	92	10.00	91	0.	90	0.	88	0.	87	0.
324	93	10.00	92	0.	90	0.	89	0.	88	0.	87	0.
327	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
331	92	10.00	91	0.	90	0.	89	0.	87	0.	86	0.
334	92	10.00	91	0.	89	0.	88	0.	87	0.	86	0.
338	92	0.	90	0.	89	0.	88	0.	87	0.	86	0.
342	92	0.	90	0.	89	0.	88	0.	87	0.	86	0.
345	92	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
349	92	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
352	92	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
356	92	10.00	91	0.	90	0.	88	0.	87	0.	86	0.
360	92	10.00	91	0.	90	0.	89	0.	87	0.	86	0.
AVERAGE SHIELDING		19.20		10.20		4.90		2.30		0.80		0.
AVERAGE TARGET CONTACT ANGLE		94		93		92		91		90		88

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 7

SHIELDING OF TARGET AT POSITION A

RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
6	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
9	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
12	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
15	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
18	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
21	92	10.00	91	10.00	90	0.	89	0.	89	0.	88	0.
24	93	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
27	93	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
30	93	20.00	92	10.00	91	10.00	90	0.	89	0.	88	0.
33	94	20.00	92	10.00	91	10.00	91	0.	90	0.	89	0.
36	94	20.00	93	20.00	92	10.00	91	10.00	90	0.	89	0.
39	95	30.00	93	20.00	92	10.00	91	10.00	90	0.	89	0.
42	95	30.00	94	20.00	93	20.00	91	10.00	90	0.	89	0.
45	95	30.00	94	20.00	93	20.00	91	10.00	90	0.	89	0.
48	95	30.00	94	30.00	93	20.00	91	10.00	90	10.00	90	0.
51	95	40.00	94	30.00	93	20.00	92	20.00	91	10.00	90	0.
54	95	40.00	94	30.00	93	20.00	92	20.00	91	10.00	90	0.
57	96	50.00	94	40.00	93	30.00	92	20.00	91	10.00	90	0.
60	96	60.00	95	50.00	93	40.00	92	20.00	91	10.00	90	0.
63	96	70.00	95	60.00	93	40.00	92	30.00	91	20.00	90	0.
66	96	80.00	95	70.00	94	50.00	92	30.00	91	20.00	90	0.
69	0	100.00	95	80.00	94	60.00	92	40.00	91	20.00	89	0.
72	0	100.00	95	80.00	93	50.00	91	30.00	90	0.	89	0.
75	0	100.00	94	80.00	91	40.00	90	10.00	89	0.	88	0.
78	0	100.00	91	30.00	89	0.	88	0.	87	0.	86	0.
81	91	70.00	89	0.	88	0.	87	0.	86	0.	85	0.
84	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
87	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
90	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
93	90	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
96	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
99	93	30.00	91	0.	90	0.	89	0.	88	0.	87	0.
102	93	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.

TABLE 21 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
105	94	10.00	93	0.	92	0.	91	0.	90	0.	89	0.
108	94	10.00	93	0.	92	0.	91	0.	90	0.	89	0.
111	94	0.	93	0.	92	0.	91	0.	90	0.	89	0.
114	94	0.	93	0.	92	0.	91	0.	90	0.	89	0.
117	93	0.	92	0.	92	0.	91	0.	90	0.	89	0.
120	93	0.	92	0.	91	0.	90	0.	90	0.	89	0.
123	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
126	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
129	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
132	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
135	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
138	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
141	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
144	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
147	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
150	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
153	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
156	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
159	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
162	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
165	93	0.	92	0.	92	0.	91	0.	90	0.	89	0.
168	94	0.	93	0.	92	0.	91	0.	90	0.	89	0.
171	94	0.	93	0.	92	0.	91	0.	90	0.	89	0.
174	94	0.	93	0.	92	0.	91	0.	90	0.	89	0.
177	94	0.	93	0.	92	0.	91	0.	90	0.	90	0.
180	95	0.	94	0.	93	0.	92	0.	91	0.	90	0.
183	95	0.	94	0.	93	0.	92	0.	91	0.	90	0.
186	95	0.	94	0.	93	0.	92	0.	91	0.	90	0.
189	95	0.	94	0.	94	0.	93	0.	92	0.	91	0.
192	96	0.	95	0.	94	0.	93	0.	92	0.	91	0.
195	96	0.	95	0.	94	0.	93	0.	92	0.	91	0.
198	96	0.	95	0.	94	0.	93	0.	92	0.	91	0.
201	96	0.	95	0.	95	0.	94	0.	93	0.	92	0.
204	97	0.	96	0.	95	0.	94	0.	93	0.	92	0.

TABLE 21 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
207	97	0.	96	0.	95	0.	94	0.	93	0.	92	0.
210	97	0.	96	0.	95	0.	94	0.	93	0.	92	0.
213	97	0.	96	0.	95	0.	94	0.	93	0.	92	0.
216	97	0.	96	0.	95	0.	94	0.	93	0.	92	0.
219	97	0.	96	0.	95	0.	94	0.	93	0.	92	0.
222	97	0.	96	0.	95	0.	94	0.	93	0.	92	0.
225	97	0.	96	0.	95	0.	94	0.	93	0.	92	0.
228	96	0.	95	0.	94	0.	94	0.	93	0.	92	0.
231	96	0.	95	0.	94	0.	93	0.	92	0.	91	0.
234	96	0.	95	0.	94	0.	93	0.	92	0.	91	0.
237	96	0.	95	0.	94	0.	93	0.	92	0.	91	0.
240	96	0.	95	0.	94	0.	93	0.	92	0.	91	0.
243	95	0.	94	0.	93	0.	92	0.	91	0.	91	0.
246	95	0.	94	0.	93	0.	92	0.	91	0.	90	0.
249	95	0.	94	0.	93	0.	92	0.	91	0.	90	0.
252	94	10.00	94	0.	93	0.	92	0.	91	0.	90	0.
255	94	10.00	93	0.	92	0.	91	0.	90	0.	89	0.
258	94	20.00	93	10.00	92	0.	91	0.	90	0.	89	0.
261	93	20.00	92	0.	91	0.	90	0.	89	0.	88	0.
264	92	20.00	91	0.	90	0.	89	0.	88	0.	87	0.
267	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
270	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
273	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
276	91	30.00	89	0.	89	0.	88	0.	87	0.	86	0.
279	0	100.00	90	10.00	89	0.	89	0.	88	0.	87	0.
282	0	100.00	92	40.00	91	10.00	90	0.	89	0.	88	0.
285	95	70.00	93	40.00	91	10.00	90	0.	89	0.	88	0.
288	94	50.00	93	30.00	91	10.00	90	0.	89	0.	88	0.
291	94	40.00	92	20.00	91	10.00	90	0.	89	0.	88	0.
294	94	30.00	92	20.00	91	10.00	90	0.	89	0.	88	0.
297	94	30.00	92	20.00	91	10.00	90	0.	89	0.	88	0.
300	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
303	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
306	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.

TABLE 21 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
309	93	10,00	92	10,00	91	0,	90	0,	89	0,	88	0,
312	92	10.00	91	10,00	90	0.	90	0,	89	0,	88	0,
315	92	10,00	91	0,	90	0.	89	0,	88	0,	87	0,
318	92	10,00	91	0.	90	0.	89	0.	88	0,	87	0,
321	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,
324	91	0.	90	0.	89	0.	88	0,	87	0,	87	0,
327	91	0,	90	0.	89	0.	88	0,	87	0,	86	0,
330	91	0,	90	0.	89	0.	88	0,	87	0,	86	0,
333	90	0,	89	0.	88	0.	87	0,	86	0,	85	0,
336	90	0,	89	0.	88	0,	87	0,	86	0,	85	0,
339	89	0,	89	0,	88	0,	87	0,	86	0,	85	0,
342	89	0.	88	0.	87	0.	87	0,	86	0,	85	0,
345	89	0,	89	0,	88	0,	87	0,	86	0,	85	0,
348	90	0,	89	0,	88	0,	87	0,	86	0,	85	0,
351	90	0,	89	0,	88	0,	87	0,	86	0,	85	0,
354	90	0,	89	0.	88	0.	87	0,	86	0,	85	0,
357	90	0.	89	0,	88	0.	87	0.	86	0,	85	0,
360	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
AVERAGE SHIELDING		15.00		8.00		4.25		2,25		0.92		0.
AVERAGE TARGET CONTACT ANGLE		93		92		91		90		89		88

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 21/8

SHIELDING OF TARGET AT POSITION A

RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
5	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
7	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
10	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
12	91	10.00	90	0.	90	0.	89	0.	88	0.	87	0.
15	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
18	92	10.00	91	0.	90	0.	89	0.	88	0.	88	0.
20	92	10.00	91	0.	90	0.	89	0.	89	0.	88	0.
23	92	10.00	91	10.00	90	0.	90	0.	89	0.	88	0.
25	92	10.00	91	10.00	91	0.	90	0.	89	0.	88	0.
28	93	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
30	93	10.00	92	10.00	91	10.00	90	0.	89	0.	89	0.
33	93	20.00	92	10.00	91	10.00	91	0.	90	0.	89	0.
36	93	20.00	93	20.00	91	10.00	91	0.	90	0.	89	0.
38	93	20.00	93	20.00	91	10.00	91	0.	90	0.	89	0.
41	93	20.00	93	20.00	91	10.00	91	10.00	90	0.	89	0.
43	93	20.00	93	20.00	91	10.00	91	10.00	90	0.	89	0.
46	93	20.00	93	20.00	92	10.00	91	10.00	90	0.	89	0.
48	94	30.00	93	20.00	92	10.00	91	10.00	90	0.	89	0.
51	94	30.00	93	20.00	92	20.00	91	10.00	90	0.	89	0.
54	94	30.00	93	20.00	92	20.00	91	10.00	90	0.	89	0.
56	94	40.00	93	30.00	92	20.00	91	10.00	90	10.00	89	0.
59	95	50.00	94	40.00	92	30.00	91	20.00	90	10.00	90	0.
61	95	50.00	94	40.00	92	30.00	91	20.00	90	10.00	90	0.
64	95	60.00	94	50.00	93	30.00	91	20.00	90	10.00	90	0.
66	95	70.00	94	60.00	93	40.00	92	30.00	90	10.00	90	0.
69	95	80.00	94	60.00	93	50.00	92	30.00	90	10.00	89	0.
72	0	100.00	94	70.00	93	50.00	91	30.00	90	10.00	89	0.
74	0	100.00	94	80.00	92	50.00	91	30.00	89	0.	89	0.
77	0	100.00	92	70.00	91	30.00	89	0.	89	0.	88	0.
79	0	100.00	91	40.00	89	0.	88	0.	87	0.	87	0.
82	91	60.00	89	0.	88	0.	87	0.	86	0.	86	0.
84	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
87	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.

TABLE 21 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
90	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
92	90	30.00	89	0.	88	0.	87	0.	86	0.	86	0.
95	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
97	92	20.00	91	0.	90	0.	89	0.	88	0.	87	0.
100	92	10.00	91	0.	90	0.	90	0.	89	0	88	0.
102	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
105	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
108	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
110	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
113	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
115	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
118	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
120	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
123	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
126	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
128	92	0.	91	0.	90	0.	89	0.	88	0.	88	0.
131	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
133	91	0.	91	0.	90	0.	89	0.	88	0.	87	0.
136	91	0.	91	0.	90	0.	89	0.	88	0.	87	0.
138	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
141	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
144	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
146	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
149	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
151	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
154	91	0.	91	0.	90	0.	89	0.	88	0.	87	0.
156	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
159	92	0.	91	0.	90	0.	89	0.	88	0.	88	0.
162	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
164	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
167	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
169	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
172	93	0.	92	0.	91	0.	90	0.	90	0.	89	0.
174	93	0.	92	0.	91	0.	91	0.	90	0.	89	0.

TABLE 21 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
177	93	0.	93	0.	92	0.	91	0.	90	0.	89	0.
180	94	0.	93	0.	92	0.	91	0.	90	0.	90	0.
182	94	0.	93	0.	92	0.	92	0.	91	0.	90	0.
185	94	0.	93	0.	93	0.	92	0.	91	0.	90	0.
187	94	0.	94	0.	93	0.	92	0.	91	0.	90	0.
190	95	0.	94	0.	93	0.	92	0.	91	0.	91	0.
192	95	0.	94	0.	93	0.	93	0.	92	0.	91	0.
195	95	0.	94	0.	94	0.	93	0.	92	0.	91	0.
198	95	0.	95	0.	94	0.	93	0.	92	0.	91	0.
200	95	0.	95	0.	94	0.	93	0.	92	0.	91	0.
203	96	0.	95	0.	94	0.	93	0.	92	0.	92	0.
205	96	0.	95	0.	94	0.	93	0.	92	0.	92	0.
208	96	0.	95	0.	94	0.	93	0.	93	0.	92	0.
210	96	0.	95	0.	94	0.	93	0.	93	0.	92	0.
213	96	0.	95	0.	94	0.	94	0.	93	0.	92	0.
216	96	0.	95	0.	94	0.	94	0.	93	0.	92	0.
218	96	0.	95	0.	94	0.	94	0.	93	0.	92	0.
221	96	0.	95	0.	94	0.	93	0.	93	0.	92	0.
223	96	0.	95	0.	94	0.	93	0.	93	0.	92	0.
226	96	0.	95	0.	94	0.	93	0.	92	0.	92	0.
228	95	0.	95	0.	94	0.	93	0.	92	0.	91	0.
231	95	0.	95	0.	94	0.	93	0.	92	0.	91	0.
234	95	0.	94	0.	94	0.	93	0.	92	0.	91	0.
236	95	0.	94	0.	93	0.	93	0.	92	0.	91	0.
239	95	0.	94	0.	93	0.	92	0.	92	0.	91	0.
241	95	0.	94	0.	93	0.	92	0.	91	0.	91	0.
244	94	0.	94	0.	93	0.	92	0.	91	0.	90	0.
246	94	0.	93	0.	92	0.	92	0.	91	0.	90	0.
249	94	0.	93	0.	92	0.	91	0.	90	0.	90	0.
252	93	0.	93	0.	92	0.	91	0.	90	0.	89	0.
254	93	0.	92	0.	91	0.	91	0.	90	0.	89	0.
257	93	0.	92	0.	91	0.	90	0.	89	0.	89	0.
259	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
262	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.

TABLE 21 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
264	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
267	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
270	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
272	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
275	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
277	92	40.00	90	0.	89	0.	88	0.	88	0.	87	0.
280	92	40.00	91	10.00	90	0.	89	0.	88	0.	87	0.
282	92	30.00	91	10.00	90	0.	89	0.	88	0.	88	0.
285	92	30.00	91	10.00	90	0.	89	0.	89	0.	88	0.
288	92	20.00	91	10.00	90	0.	90	0.	89	0.	88	0.
290	92	20.00	91	10.00	90	0.	90	0.	89	0.	88	0.
293	92	20.00	91	10.00	90	0.	90	0.	89	0.	88	0.
295	92	20.00	91	10.00	91	0.	90	0.	89	0.	88	0.
298	92	20.00	91	10.00	91	0.	90	0.	89	0.	88	0.
300	92	10.00	91	10.00	91	0.	90	0.	89	0.	88	0.
303	92	10.00	91	10.00	90	0.	90	0.	89	0.	88	0.
306	92	10.00	91	0.	90	0.	89	0.	88	0.	88	0.
308	91	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
311	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
313	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
316	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
318	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
321	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
324	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
326	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
329	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
331	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
334	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
336	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
339	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
342	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
344	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
347	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
349	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.

TABLE 21 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
352	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
354	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
357	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
360	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
AVERAGE SHIELDING		11.00		6.07		3.21		1.79		0.50		0.
AVERAGE TARGET CONTACT ANGLE		92		92		91		90		89		88

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 21

SHIELDING OF TARGET AT POSITION A

RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
4	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
6	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
9	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
11	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
13	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
15	91	10.00	90	0.	90	0.	89	0.	88	0.	88	0.
18	91	10.00	91	0.	90	0.	89	0.	88	0.	88	0.
20	91	10.00	91	0.	90	0.	89	0.	89	0.	88	0.
22	92	10.00	91	0.	90	0.	89	0.	89	0.	88	0.
24	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
27	92	10.00	91	10.00	90	0.	90	0.	89	0.	88	0.
29	92	10.00	91	10.00	91	0.	90	0.	89	0.	88	0.
31	92	10.00	91	10.00	91	0.	90	0.	89	0.	89	0.
33	92	10.00	91	10.00	91	0.	90	0.	89	0.	89	0.
36	92	10.00	91	10.00	91	0.	90	0.	89	0.	88	0.
38	92	10.00	91	10.00	91	0.	90	0.	89	0.	88	0.
40	92	10.00	91	10.00	91	0.	90	0.	89	0.	88	0.
42	92	10.00	91	10.00	91	10.00	90	0.	89	0.	89	0.
45	92	20.00	91	10.00	91	10.00	90	0.	89	0.	89	0.
47	92	20.00	91	10.00	91	10.00	90	0.	89	0.	89	0.
49	92	20.00	92	10.00	91	10.00	90	0.	89	0.	89	0.
51	92	20.00	92	10.00	91	10.00	90	0.	89	0.	89	0.
54	93	20.00	92	20.00	91	10.00	90	0.	89	0.	89	0.
56	93	30.00	92	20.00	91	10.00	90	10.00	90	0.	89	0.
58	93	30.00	92	20.00	91	10.00	90	10.00	90	0.	89	0.
60	93	40.00	92	30.00	92	20.00	91	10.00	90	0.	89	0.
63	94	40.00	93	30.00	92	20.00	91	20.00	90	10.00	89	0.
65	94	50.00	93	40.00	92	30.00	91	20.00	90	10.00	89	0.
67	94	60.00	93	50.00	92	30.00	91	20.00	90	10.00	89	0.
69	94	70.00	93	50.00	92	40.00	91	30.00	90	10.00	89	0.
72	94	80.00	93	60.00	92	40.00	91	30.00	90	10.00	89	0.
74	94	90.00	93	70.00	92	40.00	91	30.00	90	10.00	89	0.
76	0	100.00	93	70.00	92	50.00	90	20.00	89	0.	89	0.

TABLE 21 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
78	0	100.00	92	60.00	90	30.00	89	0.	89	0.	88	0.
81	0	100.00	90	30.00	89	0.	88	0.	88	0.	87	0.
83	91	90.00	89	0.	88	0.	87	0.	87	0.	86	0.
85	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
87	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
90	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
92	90	30.00	89	0.	88	0.	87	0.	87	0.	86	0.
94	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
96	91	10.00	90	0.	90	0.	89	0.	88	0.	87	0.
99	91	10.00	91	0.	90	0.	89	0.	88	0.	88	0.
101	91	0.	91	0.	90	0.	89	0.	88	0.	88	0.
103	91	0.	91	0.	90	0.	89	0.	88	0.	88	0.
105	91	0.	91	0.	90	0.	89	0.	88	0.	88	0.
108	91	0.	90	0.	90	0.	89	0.	88	0.	88	0.
110	91	0.	90	0.	90	0.	89	0.	88	0.	88	0.
112	91	0.	90	0.	90	0.	89	0.	88	0.	88	0.
114	91	0.	90	0.	90	0.	89	0.	88	0.	88	0.
117	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
119	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
121	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
123	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
126	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
128	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
130	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
132	90	0.	90	0.	89	0.	88	0.	88	0.	87	0.
135	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
137	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
139	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
141	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
144	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
146	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
148	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
150	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
153	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.

TABLE 21 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
155	90	0.	90	0.	89	0.	88	0.	88	0.	87	0.
157	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
159	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
162	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
164	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
166	91	0.	90	0.	90	0.	89	0.	88	0.	88	0.
168	91	0.	91	0.	90	0.	89	0.	89	0.	88	0.
171	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
173	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
175	92	0.	91	0.	91	0.	90	0.	89	0.	89	0.
177	92	0.	92	0.	91	0.	90	0.	90	0.	89	0.
180	93	0.	92	0.	91	0.	91	0.	90	0.	89	0.
182	93	0.	92	0.	92	0.	91	0.	90	0.	90	0.
184	93	0.	93	0.	92	0.	91	0.	90	0.	90	0.
186	94	0.	93	0.	92	0.	92	0.	91	0.	90	0.
189	94	0.	93	0.	93	0.	92	0.	91	0.	90	0.
191	94	0.	94	0.	93	0.	92	0.	91	0.	91	0.
193	94	0.	94	0.	93	0.	92	0.	92	0.	91	0.
195	95	0.	94	0.	93	0.	93	0.	92	0.	91	0.
198	95	0.	94	0.	93	0.	93	0.	92	0.	91	0.
200	95	0.	94	0.	93	0.	93	0.	92	0.	91	0.
202	95	0.	94	0.	94	0.	93	0.	92	0.	91	0.
204	95	0.	94	0.	94	0.	93	0.	92	0.	92	0.
207	95	0.	94	0.	94	0.	93	0.	92	0.	92	0.
209	95	0.	95	0.	94	0.	93	0.	92	0.	92	0.
211	95	0.	95	0.	94	0.	93	0.	92	0.	92	0.
213	95	0.	95	0.	94	0.	93	0.	92	0.	92	0.
216	95	0.	95	0.	94	0.	93	0.	92	0.	92	0.
218	95	0.	94	0.	94	0.	93	0.	92	0.	92	0.
220	95	0.	94	0.	94	0.	93	0.	92	0.	92	0.
222	95	0.	94	0.	94	0.	93	0.	92	0.	92	0.
225	95	0.	94	0.	94	0.	93	0.	92	0.	91	0.
227	95	0.	94	0.	93	0.	93	0.	92	0.	91	0.
229	95	0.	94	0.	93	0.	93	0.	92	0.	91	0.

TABLE 21 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
231	95	0.	94	0.	93	0.	92	0.	92	0.	91	0.
234	94	0.	94	0.	93	0.	92	0.	92	0.	91	0.
236	94	0.	94	0.	93	0.	92	0.	91	0.	91	0.
238	94	0.	93	0.	93	0.	92	0.	91	0.	90	0.
240	94	0.	93	0.	92	0.	92	0.	91	0.	90	0.
243	94	0.	93	0.	92	0.	91	0.	91	0.	90	0.
245	93	0.	93	0.	92	0.	91	0.	90	0.	90	0.
247	93	0.	92	0.	92	0.	91	0.	90	0.	89	0.
249	93	0.	92	0.	91	0.	91	0.	90	0.	89	0.
252	92	0.	92	0.	91	0.	90	0.	90	0.	89	0.
254	92	0.	91	0.	91	0.	90	0.	89	0.	89	0.
256	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
258	91	0.	91	0.	90	0.	89	0.	89	0.	88	0.
261	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
263	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
265	90	0.	90	0.	89	0.	88	0.	88	0.	87	0.
267	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
270	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
272	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
274	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
276	90	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
279	90	0.	90	0.	89	0.	88	0.	88	0.	87	0.
281	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
283	91	10.00	90	0.	89	0.	89	0.	88	0.	87	0.
285	91	10.00	90	0.	89	0.	89	0.	88	0.	87	0.
288	91	10.00	90	0.	90	0.	89	0.	88	0.	87	0.
290	91	10.00	90	0.	90	0.	89	0.	88	0.	88	0.
292	91	10.00	90	0.	90	0.	89	0.	88	0.	88	0.
294	91	10.00	90	0.	90	0.	89	0.	88	0.	88	0.
297	91	10.00	90	0.	90	0.	89	0.	88	0.	88	0.
299	91	10.00	90	0.	90	0.	89	0.	88	0.	88	0.
301	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
303	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
306	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.

TABLE 21 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
308	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
310	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
312	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
315	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
317	89	0.	89	0.	88	0.	87	0.	86	0.	86	0.
319	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
321	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
324	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
326	89	0.	89	0.	87	0.	87	0.	86	0.	85	0.
328	89	0.	89	0.	87	0.	87	0.	86	0.	85	0.
330	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
333	89	0.	88	0.	87	0.	86	0.	86	0.	85	0.
335	88	0.	88	0.	87	0.	86	0.	86	0.	85	0.
337	89	0.	88	0.	87	0.	86	0.	86	0.	85	0.
339	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
342	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
344	89	10.00	88	0.	88	0.	87	0.	86	0.	85	0.
346	89	20.00	88	0.	88	0.	87	0.	86	0.	86	0.
348	89	0.	89	0.	88	0.	87	0.	86	0.	86	0.
351	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
353	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
355	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
357	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
360	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
AVERAGE SHIELDING		8.19		4.19		2.37		1.25		0.37		0.
AVERAGE TARGET CONTACT ANGLE		92		91		90		89		89		88

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE-5

TABLE 8

SHIELDING OF TARGET AT POSITION B
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
18	102	60.00	88	0.	82	0.	76	0.	71	0.	66	0.
36	91	0.	85	0.	79	0.	74	0.	69	0.	64	0.
54	90	0.	84	0.	79	0.	73	0.	68	0.	63	0.
72	90	0.	85	0.	79	0.	74	0.	68	0.	64	0.
90	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
108	96	20.00	88	0.	83	0.	77	0.	72	0.	67	0.
126	106	40.00	95	0.	90	0.	84	0.	78	0.	73	0.
144	109	30.00	100	0.	95	0.	89	0.	83	0.	78	0.
162	112	30.00	104	10.00	98	0.	93	0.	87	0.	81	0.
180	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
198	112	30.00	104	10.00	98	0.	92	0.	87	0.	81	0.
216	107	20.00	100	0.	94	0.	89	0.	83	0.	77	0.
234	104	30.00	95	0.	89	0.	83	0.	78	0.	72	0.
252	94	10.00	89	0.	83	0.	77	0.	72	0.	67	0.
270	92	0.	86	0.	80	0.	75	0.	69	0.	65	0.
288	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
306	91	0.	85	0.	79	0.	74	0.	69	0.	64	0.
324	91	10.00	86	0.	80	0.	74	0.	69	0.	64	0.
342	102	60.00	88	0.	82	0.	77	0.	71	0.	66	0.
360	106	60.00	89	0.	83	0.	78	0.	72	0.	67	0.
AVERAGE SHIELDING		21.00		1.00		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		98		90		85		79		74		69

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8

SHIELDING OF TARGET AT POSITION B
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
9	0	100.00	104	70.00	100	50.00	96	30.00	91	0.	88	0.
18	0	100.00	104	70.00	99	40.00	94	20.00	91	0.	88	0.
27	0	100.00	103	70.00	98	40.00	93	20.00	90	0.	87	0.
36	0	100.00	102	70.00	96	40.00	91	10.00	88	0.	85	0.
45	0	100.00	98	60.00	91	10.00	88	0.	86	0.	83	0.
54	0	100.00	92	20.00	88	0.	86	0.	83	0.	80	0.
63	0	100.00	88	0.	85	0.	82	0.	80	0.	77	0.
72	90	0.	87	0.	84	0.	81	0.	78	0.	76	0.
81	90	0.	87	0.	84	0.	81	0.	78	0.	76	0.
90	90	0.	87	0.	85	0.	82	0.	79	0.	76	0.
99	93	30.00	89	0.	86	0.	83	0.	80	0.	77	0.
108	100	60.00	93	0.	90	0.	87	0.	84	0.	81	0.
117	101	40.00	96	0.	93	0.	90	0.	87	0.	85	0.
126	105	40.00	99	10.00	97	0.	94	0.	91	0.	88	0.
135	106	30.00	102	10.00	99	0.	96	0.	93	0.	91	0.
144	107	20.00	103	10.00	100	0.	98	0.	95	0.	92	0.
153	106	10.00	104	10.00	101	0.	98	0.	95	0.	93	0.
162	107	10.00	104	10.00	101	0.	98	0.	96	0.	93	0.
171	107	10.00	104	10.00	101	0.	99	0.	96	0.	93	0.
180	107	10.00	104	10.00	101	0.	99	0.	96	0.	93	0.
189	107	10.00	104	10.00	101	0.	98	0.	96	0.	93	0.
198	106	10.00	104	10.00	101	0.	98	0.	95	0.	93	0.
207	106	10.00	103	10.00	100	0.	98	0.	95	0.	92	0.
216	106	20.00	103	10.00	100	0.	97	0.	94	0.	92	0.
225	105	20.00	102	10.00	99	0.	96	0.	93	0.	90	0.
234	106	50.00	100	10.00	97	0.	94	0.	91	0.	88	0.
243	104	70.00	96	0.	94	0.	91	0.	88	0.	85	0.
252	100	60.00	93	0.	90	0.	87	0.	84	0.	82	0.
261	93	70.00	89	0.	86	0.	84	0.	81	0.	78	0.
270	91	0.	88	0.	85	0.	82	0.	79	0.	77	0.
279	91	0.	88	0.	85	0.	82	0.	79	0.	77	0.
288	91	10.00	88	0.	85	0.	82	0.	79	0.	77	0.
297	99	90.00	89	0.	86	0.	84	0.	81	0.	78	0.
306	0	100.00	93	20.00	89	0.	86	0.	83	0.	81	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
315	0	100.00	99	60.00	92	10.00	89	0.	86	0.	83	0.
324	0	100.00	102	70.00	97	40.00	91	0.	88	0.	85	0.
333	0	100.00	103	70.00	97	30.00	92	10.00	89	0.	87	0.
342	0	100.00	104	70.00	99	40.00	94	20.00	91	0.	88	0.
351	0	100.00	104	70.00	100	50.00	95	20.00	91	0.	88	0.
360	0	100.00	105	70.00	100	50.00	96	30.00	91	10.00	88	0.
AVERAGE SHIELDING		50.75		23.00		10.00		4.00		0.25		0.
AVERAGE TARGET CONTACT ANGLE		100		98		94		91		88		85

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 3
SHIELDING OF TARGET AT POSITION B
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
6	100	50.00	97	30.00	95	20.00	92	10.00	90	0.	88	0.
12	100	50.00	97	30.00	95	20.00	92	10.00	90	0.	88	0.
18	100	50.00	97	30.00	95	20.00	92	10.00	90	0	88	0.
24	100	50.00	98	40.00	95	30.00	92	10.00	91	0.	89	0.
30	101	60.00	99	50.00	96	30.00	94	20.00	91	10.00	89	0.
36	103	80.00	100	60.00	97	40.00	94	30.00	91	10.00	90	0.
42	103	90.00	100	70.00	98	50.00	95	30.00	91	10.00	90	0.
48	0	100.00	101	80.00	97	50.00	94	30.00	91	10.00	89	0.
54	0	100.00	99	80.00	96	50.00	92	20.00	90	0.	88	0.
60	0	100.00	97	70.00	93	30.00	90	0.	88	0.	86	0.
66	0	100.00	93	40.00	89	0.	87	0.	85	0.	83	0.
72	95	90.00	89	0.	87	0.	85	0.	83	0.	81	0.
78	89	0.	87	0.	86	0.	84	0.	82	0.	80	0.
84	89	0.	88	0.	86	0.	84	0.	82	0.	80	0.
90	90	0.	88	0.	86	0.	84	0.	82	0.	80	0.
96	91	20.00	89	0.	87	0.	85	0.	83	0.	81	0.
102	94	30.00	91	0.	89	0.	87	0.	85	0.	83	0.
108	97	30.00	94	10.00	92	0.	90	0.	88	0.	86	0.
114	98	20.00	96	10.00	94	0.	92	0.	90	0.	88	0.
120	100	20.00	97	10.00	95	0.	94	0.	92	0.	90	0.
126	100	10.00	98	0.	96	0.	94	0.	92	0.	90	0.
132	100	10.00	98	0.	96	0.	95	0.	93	0.	91	0.
138	100	0.	99	0.	97	0.	95	0.	93	0.	91	0.
144	100	0.	99	0.	97	0.	95	0.	93	0.	91	0.
150	101	0.	99	0.	97	0.	95	0.	93	0.	91	0.
156	101	0.	99	0.	97	0.	95	0.	93	0.	92	0.
162	101	0.	99	0.	97	0.	96	0.	94	0.	92	0.
168	101	0.	99	0.	98	0.	96	0.	94	0.	92	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
210	102	0.	100	0.	98	0.	96	0.	94	0.	93	0.
216	102	0.	100	0.	98	0.	96	0.	94	0.	92	0.
222	102	10.00	100	0.	98	0.	96	0.	94	0.	92	0.
228	101	10.00	99	0.	98	0.	96	0.	94	0.	92	0.
234	102	20.00	99	10.00	97	0.	96	0.	94	0.	92	0.
240	102	30.00	99	20.00	97	0.	95	0.	93	0.	91	0.
246	102	70.00	97	10.00	95	0.	93	0.	91	0.	89	0.
252	100	70.00	95	10.00	93	0.	91	0.	89	0.	87	0.
258	95	40.00	92	0.	90	0.	88	0.	86	0.	84	0.
264	92	20.00	89	0.	88	0.	86	0.	84	0.	82	0.
270	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
276	90	0.	89	0.	87	0.	85	0.	83	0.	81	0.
282	90	10.00	89	0.	87	0.	85	0.	83	0.	81	0.
288	0	100.00	90	0.	88	0.	86	0.	84	0.	82	0.
294	0	100.00	93	30.00	90	0.	88	0.	86	0.	84	0.
300	0	100.00	98	70.00	94	30.00	90	0.	89	0.	87	0.
306	0	100.00	100	80.00	97	50.00	93	20.00	90	0.	89	0.
312	0	100.00	100	70.00	97	50.00	94	20.00	91	10.00	89	0.
318	104	90.00	100	60.00	97	40.00	95	30.00	92	10.00	90	0.
324	102	70.00	100	60.00	97	40.00	94	20.00	91	10.00	89	0.
330	101	60.00	98	40.00	96	30.00	93	20.00	91	0.	89	0.
336	101	50.00	98	40.00	96	30.00	93	10.00	91	0.	89	0.
342	101	50.00	98	40.00	96	30.00	93	10.00	91	0.	89	0.
348	100	50.00	98	40.00	95	20.00	93	10.00	91	0.	89	0.
354	100	50.00	98	40.00	95	20.00	92	10.00	91	0.	89	0.
360	100	50.00	97	30.00	95	20.00	92	10.00	90	0.	88	0.
AVERAGE SHIELDING		38.50		21.00		11.67		5.50		1.17		0.
AVERAGE TARGET CONTACT ANGLE		99		97		94		92		90		88

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 3
SHIELDING OF TARGET AT POSITION B
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
4	96	30.00	94	20.00	92	10.00	90	0.	89	0.	88	0.
9	96	30.00	94	20.00	92	10.00	90	0.	89	0.	88	0.
13	95	20.00	94	20.00	92	10.00	90	0.	89	0.	87	0.
18	96	30.00	94	20.00	92	10.00	91	0.	89	0.	88	0.
22	96	30.00	94	20.00	93	10.00	91	10.00	90	0.	88	0.
27	97	30.00	95	20.00	93	20.00	92	10.00	90	0.	89	0.
31	97	40.00	96	30.00	94	20.00	92	10.00	90	0.	89	0.
36	98	50.00	96	40.00	95	30.00	93	20.00	91	10.00	89	0.
40	99	50.00	97	40.00	95	30.00	93	20.00	91	10.00	90	0.
45	100	70.00	97	50.00	96	40.00	93	20.00	91	10.00	90	0.
49	100	80.00	98	60.00	96	50.00	94	30.00	92	20.00	90	0.
54	101	90.00	98	70.00	96	50.00	94	30.00	92	20.00	90	0.
58	0	100.00	98	80.00	96	60.00	94	40.00	91	10.00	89	0.
63	0	100.00	97	80.00	95	60.00	92	30.00	90	0.	88	0.
67	0	100.00	96	80.00	92	40.00	90	0.	88	0.	87	0.
72	0	100.00	91	30.00	89	0.	87	0.	86	0.	85	0.
76	93	70.00	89	0.	87	0.	86	0.	84	0.	83	0.
81	89	0.	88	0.	86	0.	85	0.	84	0.	82	0.
85	89	0.	88	0.	86	0.	85	0.	84	0.	82	0.
90	89	0.	88	0.	87	0.	85	0.	84	0.	82	0.
94	91	20.00	89	0.	87	0.	86	0.	84	0.	83	0.
99	93	40.00	90	0.	89	0.	88	0.	86	0.	85	0.
103	95	40.00	92	10.00	91	0.	90	0.	88	0.	87	0.
108	96	20.00	94	10.00	92	0.	91	0.	90	0.	88	0.
112	96	10.00	95	10.00	93	0.	92	0.	91	0.	89	0.
117	97	10.00	95	0.	94	0.	92	0.	91	0.	90	0.
121	97	0.	95	0.	94	0.	93	0.	91	0.	90	0.
126	97	0.	95	0.	94	0.	93	0.	91	0.	90	0.
130	97	0.	95	0.	94	0.	93	0.	91	0.	90	0.
135	97	0.	95	0.	94	0.	92	0.	91	0.	90	0.
139	97	0.	95	0.	94	0.	92	0.	91	0.	90	0.
144	97	0.	95	0.	94	0.	92	0.	91	0.	90	0.
148	97	0.	95	0.	94	0.	93	0.	91	0.	90	0.
153	97	0.	95	0.	94	0.	93	0.	91	0.	90	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
157	97	0.	96	0.	94	0.	93	0.	91	0.	90	0.
162	97	0.	96	0.	94	0.	93	0.	92	0.	90	0.
166	97	0.	96	0.	95	0.	93	0.	92	0.	90	0.
171	98	0.	96	0.	95	0.	93	0.	92	0.	90	0.
175	98	0.	96	0.	95	0.	94	0.	92	0.	91	0.
180	98	0.	97	0.	95	0.	94	0.	92	0.	91	0.
184	98	0.	97	0.	95	0.	94	0.	93	0.	91	0.
189	98	0.	97	0.	96	0.	94	0.	93	0.	91	0.
193	99	0.	97	0.	96	0.	94	0.	93	0.	92	0.
198	99	0.	97	0.	96	0.	95	0.	93	0.	92	0.
202	99	0.	98	0.	96	0.	95	0.	93	0.	92	0.
207	99	0.	98	0.	96	0.	95	0.	94	0.	92	0.
211	99	0.	98	0.	97	0.	95	0.	94	0.	92	0.
216	99	0.	98	0.	97	0.	95	0.	94	0.	92	0.
220	99	0.	98	0.	97	0.	95	0.	94	0.	92	0.
225	99	0.	98	0.	96	0.	95	0.	94	0.	92	0.
229	99	0.	98	0.	96	0.	95	0.	93	0.	92	0.
234	99	0.	97	0.	96	0.	94	0.	93	0.	92	0.
238	98	10.00	97	0.	96	0.	94	0.	93	0.	91	0.
243	98	10.00	97	10.00	95	0.	94	0.	93	0.	91	0.
247	98	20.00	96	10.00	95	0.	93	0.	92	0.	91	0.
252	97	30.00	95	10.00	93	0.	92	0.	91	0.	89	0.
256	97	70.00	93	10.00	92	0.	90	0.	89	0.	88	0.
261	94	50.00	91	0.	90	0.	88	0.	87	0.	86	0.
265	91	20.00	90	0.	88	0.	87	0.	85	0.	84	0.
270	90	0.	89	0.	88	0.	86	0.	85	0.	83	0.
274	90	0.	89	0.	87	0.	86	0.	85	0.	83	0.
279	91	20.00	89	0.	88	0.	86	0.	85	0.	83	0.
283	0	100.00	90	0.	89	0.	87	0.	86	0.	84	0.
288	0	100.00	93	30.00	90	0.	89	0.	87	0.	86	0.
292	0	100.00	96	70.00	93	30.00	91	0.	89	0.	88	0.
297	0	100.00	97	70.00	95	50.00	92	20.00	91	0.	89	0.
301	100	90.00	97	60.00	95	40.00	93	20.00	91	10.00	90	0.
306	99	70.00	97	50.00	95	30.00	93	20.00	91	10.00	90	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
310	98	60.00	96	40.00	94	30.00	92	10.00	91	0.	89	0.
315	97	40.00	95	30.00	93	20.00	91	10.00	90	0.	89	0.
319	97	40.00	95	30.00	93	20.00	91	0.	90	0.	88	0.
324	96	30.00	94	20.00	92	10.00	91	0.	89	0.	88	0.
328	96	30.00	94	20.00	92	10.00	91	0.	90	0.	88	0.
333	96	30.00	94	20.00	92	10.00	91	0.	90	0.	88	0.
337	96	30.00	94	20.00	92	10.00	91	0.	90	0.	88	0.
342	96	30.00	94	20.00	93	10.00	91	0.	90	0.	88	0.
346	96	30.00	94	20.00	93	10.00	91	0.	90	0.	88	0.
351	96	30.00	94	20.00	92	10.00	91	0.	89	0.	88	0.
355	96	30.00	94	20.00	92	10.00	91	0.	89	0.	88	0.
360	96	30.00	94	20.00	92	10.00	91	0.	89	0.	88	0.
AVERAGE SHIELDING		29.50		16.37		9.50		3.75		1.25		0.
AVERAGE TARGET CONTACT ANGLE		96		95		93		91		90		89

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 3
SHIELDING OF TARGET AT POSITION B
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	93	10.00	92	10.00	90	0.	89	0.	88	0.	87	0.
7	93	10.00	92	10.00	90	0.	89	0.	88	0.	87	0.
10	93	10.00	92	10.00	91	0.	89	0.	88	0.	87	0.
14	94	20.00	92	10.00	91	0.	90	0.	89	0.	87	0.
18	94	20.00	92	10.00	91	10.00	90	0.	89	0.	88	0.
21	94	20.00	93	10.00	92	10.00	90	0.	89	0.	88	0.
25	95	20.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
28	95	30.00	94	20.00	92	10.00	91	10.00	90	0.	89	0.
32	96	30.00	94	20.00	93	20.00	92	10.00	90	0.	89	0.
36	96	40.00	95	30.00	93	20.00	92	10.00	91	10.00	90	0.
39	96	40.00	95	30.00	94	20.00	92	10.00	91	10.00	90	0.
43	97	40.00	95	30.00	94	20.00	92	20.00	91	10.00	90	0.
46	97	50.00	95	40.00	94	30.00	92	20.00	91	10.00	90	0.
50	97	50.00	95	40.00	94	30.00	92	20.00	91	10.00	90	0.
54	97	60.00	96	50.00	94	40.00	92	20.00	91	10.00	90	0.
57	98	70.00	96	60.00	94	40.00	93	30.00	91	10.00	90	0.
61	98	90.00	96	70.00	95	50.00	93	30.00	91	20.00	90	0.
64	0	100.00	96	80.00	95	60.00	92	30.00	91	10.00	89	0.
68	0	100.00	95	80.00	93	50.00	91	20.00	90	0.	89	0.
72	0	100.00	94	70.00	91	30.00	90	0.	88	0.	87	0.
75	0	100.00	91	30.00	89	0.	88	0.	87	0.	85	0.
79	92	70.00	89	0.	87	0.	86	0.	85	0.	84	0.
82	89	0.	88	0.	87	0.	86	0.	85	0.	83	0.
86	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
90	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
93	91	30.00	89	0.	88	0.	87	0.	85	0.	84	0.
97	92	20.00	90	0.	89	0.	88	0.	87	0.	85	0.
100	93	30.00	92	0.	90	0.	89	0.	88	0.	87	0.
104	94	20.00	93	10.00	92	0.	90	0.	89	0.	88	0.
108	94	10.00	93	0.	92	0.	91	0.	90	0.	89	0.
111	95	10.00	93	0.	92	0.	91	0.	90	0.	89	0.
115	95	0.	93	0.	92	0.	91	0.	90	0.	89	0.
118	95	0.	93	0.	92	0.	91	0.	90	0.	89	0.
122	94	0.	93	0.	92	0.	91	0.	90	0.	89	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
126	94	0.	93	0.	92	0.	91	0.	90	0.	89	0.
129	94	0.	93	0.	92	0.	91	0.	90	0.	89	0.
133	94	0.	93	0.	92	0.	91	0.	90	0.	88	0.
136	94	0.	93	0.	92	0.	91	0.	89	0.	88	0.
140	94	0.	93	0.	92	0.	91	0.	89	0.	88	0.
144	94	0.	93	0.	92	0.	90	0.	89	0.	88	0.
147	94	0.	93	0.	92	0.	90	0.	89	0.	88	0.
151	94	0.	93	0.	92	0.	91	0.	89	0.	88	0.
154	94	0.	93	0.	92	0.	91	0.	90	0.	88	0.
158	94	0.	93	0.	92	0.	91	0.	90	0.	89	0.
162	94	0.	93	0.	92	0.	91	0.	90	0.	89	0.
165	95	0.	94	0.	92	0.	91	0.	90	0.	89	0.
169	95	0.	94	0.	93	0.	91	0.	90	0.	89	0.
172	95	0.	94	0.	93	0.	92	0.	90	0.	89	0.
176	95	0.	94	0.	93	0.	92	0.	91	0.	90	0.
180	96	0.	94	0.	93	0.	92	0.	91	0.	90	0.
183	96	0.	95	0.	94	0.	92	0.	91	0.	90	0.
187	96	0.	95	0.	94	0.	93	0.	92	0.	90	0.
190	96	0.	95	0.	94	0.	93	0.	92	0.	91	0.
194	97	0.	96	0.	94	0.	93	0.	92	0.	91	0.
198	97	0.	96	0.	95	0.	93	0.	92	0.	91	0.
201	97	0.	96	0.	95	0.	94	0.	93	0.	91	0.
205	97	0.	96	0.	95	0.	94	0.	93	0.	92	0.
208	98	0.	96	0.	95	0.	94	0.	93	0.	92	0.
212	98	0.	97	0.	95	0.	94	0.	93	0.	92	0.
216	98	0.	97	0.	96	0.	94	0.	93	0.	92	0.
219	98	0.	97	0.	96	0.	94	0.	93	0.	92	0.
223	98	0.	97	0.	96	0.	94	0.	93	0.	92	0.
226	98	0.	97	0.	95	0.	94	0.	93	0.	92	0.
230	98	0.	96	0.	95	0.	94	0.	93	0.	92	0.
234	97	0.	96	0.	95	0.	94	0.	93	0.	92	0.
237	97	0.	96	0.	95	0.	94	0.	92	0.	91	0.
241	97	0.	95	0.	94	0.	93	0.	92	0.	91	0.
244	96	10.00	95	0.	94	0.	93	0.	92	0.	91	0.

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
248	96	10.00	95	0.	94	0.	93	0.	92	0.	90	0.
252	96	20.00	95	10.00	93	0.	92	0.	91	0.	90	0.
255	96	30.00	94	10.00	93	0.	91	0.	90	0.	89	0.
259	95	40.00	93	10.00	91	0.	90	0.	89	0.	88	0.
262	93	40.00	91	0.	90	0.	89	0.	88	0.	86	0.
266	91	20.00	90	0.	89	0.	87	0.	86	0.	85	0.
270	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
273	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
277	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
280	94	90.00	90	0.	89	0.	88	0.	87	0.	86	0.
284	0	100.00	93	50.00	90	0.	89	0.	88	0.	87	0.
288	0	100.00	95	70.00	93	30.00	91	10.00	90	0.	88	0.
291	0	100.00	95	60.00	93	30.00	91	10.00	90	0.	89	0.
295	97	70.00	95	50.00	93	30.00	91	10.00	90	0.	89	0.
298	96	50.00	94	40.00	93	20.00	91	10.00	90	0.	89	0.
302	95	40.00	94	30.00	92	20.00	91	10.00	90	0.	89	0.
306	95	30.00	93	20.00	92	10.00	91	0.	89	0.	88	0.
309	95	30.00	93	20.00	92	10.00	90	0.	89	0.	88	0.
313	94	20.00	92	10.00	91	10.00	90	0.	89	0.	88	0.
316	94	20.00	92	10.00	91	0.	90	0.	89	0.	87	0.
320	93	20.00	92	10.00	91	0.	89	0.	88	0.	87	0.
324	93	10.00	91	10.00	90	0.	89	0.	88	0.	87	0.
327	92	10.00	91	10.00	90	0.	89	0.	88	0.	87	0.
331	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
334	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
338	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
342	92	10.00	91	0.	90	0.	89	0.	88	0.	86	0.
345	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
349	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
352	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
356	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
360	92	10.00	91	10.00	90	0.	89	0.	88	0.	87	0.
AVERAGE SHIELDING		21.60		11.70		6.10		2.80		1.00		0.
AVERAGE TARGET CONTACT ANGLE		94		93		92		91		90		88

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

22

TABLE 3

SHIELDING OF TARGET AT POSITION B
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
6	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
9	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
12	92	10.00	91	10.00	90	0.	90	0.	89	0.	88	0.
15	93	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
18	93	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
21	93	20.00	92	10.00	91	10.00	90	0.	89	0.	88	0.
24	94	20.00	93	10.00	92	10.00	91	0.	90	0.	89	0.
27	94	20.00	93	10.00	92	10.00	91	0.	90	0.	89	0.
30	94	20.00	93	20.00	92	10.00	91	10.00	90	0.	89	0.
33	94	20.00	93	20.00	92	10.00	91	10.00	90	0.	89	0.
36	95	30.00	93	20.00	92	10.00	91	10.00	90	0.	89	0.
39	95	30.00	93	20.00	92	10.00	91	10.00	90	0.	89	0.
42	95	30.00	93	20.00	92	20.00	91	10.00	90	0.	89	0.
45	95	30.00	93	20.00	92	20.00	91	10.00	90	0.	89	0.
48	95	30.00	94	30.00	93	20.00	91	10.00	90	10.00	89	0.
51	95	40.00	94	30.00	93	20.00	92	20.00	91	10.00	90	0.
54	96	50.00	94	30.00	93	20.00	92	20.00	91	10.00	90	0.
57	96	50.00	94	40.00	93	30.00	92	20.00	91	10.00	90	0.
60	96	60.00	95	50.00	93	40.00	92	20.00	91	10.00	90	0.
63	96	70.00	95	60.00	93	40.00	92	30.00	91	20.00	90	0.
66	96	80.00	95	60.00	94	50.00	92	30.00	91	10.00	90	0.
69	0	100.00	95	70.00	93	50.00	92	30.00	90	10.00	89	0.
72	0	100.00	94	80.00	93	50.00	91	20.00	90	0.	89	0.
75	0	100.00	93	70.00	91	30.00	89	0.	88	0.	88	0.
78	0	100.00	91	40.00	89	0.	88	0.	87	0.	86	0.
81	92	80.00	89	0.	88	0.	87	0.	86	0.	85	0.
84	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
87	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
90	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
93	90	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
96	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
99	92	20.00	91	0.	90	0.	89	0.	88	0.	87	0.
102	92	10.00	92	0.	91	0.	90	0.	89	0.	88	0.

TABLE 22 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
105	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
108	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
111	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
114	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
117	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
120	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
123	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
126	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
129	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
132	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
135	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
138	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
141	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
144	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
147	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
150	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
153	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
156	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
159	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
162	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
165	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
168	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
171	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
174	93	0.	92	0.	91	0.	90	0.	89	0.	89	0.
177	94	0.	93	0.	92	0.	91	0.	90	0.	89	0.
180	94	0.	93	0.	92	0.	91	0.	90	0.	89	0.
183	94	0.	93	0.	92	0.	91	0.	90	0.	89	0.
186	94	0.	93	0.	92	0.	91	0.	90	0.	90	0.
189	95	0.	94	0.	93	0.	92	0.	91	0.	90	0.
192	95	0.	94	0.	93	0.	92	0.	91	0.	90	0.
195	95	0.	94	0.	93	0.	92	0.	91	0.	91	0.
198	96	0.	95	0.	94	0.	93	0.	92	0.	91	0.
201	96	0.	95	0.	94	0.	93	0.	92	0.	91	0.
204	96	0.	95	0.	94	0.	93	0.	92	0.	91	0.

TABLE 22 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
207	96	0.	95	0.	94	0.	93	0.	92	0.	91	0.
210	96	0.	95	0.	95	0.	94	0.	93	0.	92	0.
213	97	0.	96	0.	95	0.	94	0.	93	0.	92	0.
216	97	0.	96	0.	95	0.	94	0.	93	0.	92	0.
219	97	0.	96	0.	95	0.	94	0.	93	0.	92	0.
222	97	0.	96	0.	95	0.	94	0.	93	0.	92	0.
225	97	0.	96	0.	95	0.	94	0.	93	0.	92	0.
228	97	0.	96	0.	95	0.	94	0.	93	0.	92	0.
231	96	0.	95	0.	94	0.	94	0.	93	0.	92	0.
234	96	0.	95	0.	94	0.	93	0.	92	0.	91	0.
237	96	0.	95	0.	94	0.	93	0.	92	0.	91	0.
240	96	0.	95	0.	94	0.	93	0.	92	0.	91	0.
243	96	0.	95	0.	94	0.	93	0.	92	0.	91	0.
246	95	0.	94	0.	93	0.	92	0.	91	0.	91	0.
249	95	0.	94	0.	93	0.	92	0.	91	0.	90	0.
252	95	10.00	94	0.	93	0.	92	0.	91	0.	90	0.
255	94	10.00	94	10.00	93	0.	92	0.	91	0.	90	0.
258	94	20.00	93	10.00	92	0.	91	0.	90	0.	89	0.
261	93	30.00	92	10.00	91	0.	90	0.	89	0.	88	0.
264	92	30.00	91	0.	90	0.	89	0.	88	0.	87	0.
267	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
270	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
273	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
276	91	20.00	89	0.	88	0.	87	0.	87	0.	86	0.
279	0	100.00	90	0.	89	0.	88	0.	87	0.	86	0.
282	0	100.00	93	50.00	90	0.	90	0.	89	0.	88	0.
285	0	100.00	94	60.00	92	30.00	90	0.	89	0.	89	0.
288	95	70.00	94	40.00	92	20.00	91	10.00	90	0.	89	0.
291	95	50.00	93	30.00	92	20.00	91	0.	90	0.	89	0.
294	94	40.00	93	20.00	91	10.00	90	0.	89	0.	89	0.
297	94	30.00	93	20.00	91	10.00	90	0.	89	0.	88	0.
300	94	30.00	92	20.00	91	10.00	90	0.	89	0.	88	0.
303	93	20.00	92	20.00	91	10.00	90	0.	89	0.	88	0.
306	93	20.00	92	10.00	91	10.00	90	0.	89	0.	88	0.

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
309	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
312	92	10.00	91	10.00	90	0.	90	0.	89	0.	88	0.
315	92	10.00	91	10.00	90	0.	89	0.	88	0.	87	0.
318	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
321	91	10.00	90	0.	90	0.	89	0.	88	0.	87	0.
324	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
327	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
330	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
333	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
336	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
339	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
342	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
345	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
348	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
351	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
354	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
357	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
360	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
AVERAGE SHIELDING		16.50		8.92		4.83		2.25		0.75		0.
AVERAGE TARGET CONTACT ANGLE		93		92		91		90		89		88

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 22

SHIELDING OF TARGET AT POSITION B
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
5	91	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
7	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
10	92	10.00	91	0.	90	0.	89	0.	88	0.	88	0.
12	92	10.00	91	0.	90	0.	89	0.	89	0.	88	0.
15	92	10.00	91	10.00	90	0.	90	0.	89	0.	88	0.
18	92	10.00	91	10.00	91	0.	90	0.	89	0.	88	0.
20	93	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
23	93	10.00	92	10.00	91	10.00	90	0.	89	0.	89	0.
25	93	10.00	92	10.00	91	10.00	90	0.	90	0.	89	0.
28	93	20.00	92	10.00	91	10.00	90	0.	90	0.	89	0.
30	93	20.00	92	10.00	91	10.00	90	0.	90	0.	89	0.
33	93	20.00	92	10.00	91	10.00	90	0.	90	0.	89	0.
36	93	20.00	92	10.00	91	10.00	90	0.	90	0.	89	0.
38	93	20.00	92	10.00	91	10.00	90	0.	90	0.	89	0.
41	93	20.00	92	10.00	91	10.00	90	0.	90	0.	89	0.
43	93	20.00	92	20.00	91	10.00	90	0.	90	0.	89	0.
46	93	20.00	92	20.00	91	10.00	90	10.00	90	0.	89	0.
48	93	30.00	92	20.00	91	10.00	90	10.00	90	0.	89	0.
51	94	30.00	92	20.00	91	10.00	91	10.00	90	0.	89	0.
54	94	30.00	93	20.00	92	20.00	91	10.00	90	0.	89	0.
56	94	40.00	93	30.00	92	20.00	91	10.00	90	0.	89	0.
59	94	40.00	93	30.00	92	20.00	91	10.00	90	10.00	89	0.
61	95	50.00	93	40.00	92	30.00	91	20.00	90	10.00	89	0.
64	95	60.00	94	50.00	93	30.00	91	20.00	90	10.00	90	0.
66	95	70.00	94	50.00	93	40.00	92	30.00	90	10.00	90	0.
69	95	80.00	94	60.00	93	40.00	91	30.00	90	10.00	89	0.
72	95	90.00	94	70.00	92	40.00	91	30.00	90	10.00	89	0.
74	0	100.00	93	70.00	92	50.00	90	20.00	89	0.	89	0.
77	0	100.00	92	70.00	91	30.00	89	0.	88	0.	88	0.
79	0	100.00	90	30.00	89	0.	88	0.	87	0.	86	0.
82	92	90.00	89	0.	88	0.	87	0.	86	0.	86	0.
84	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
87	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
90	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
92	90	30.00	89	0.	88	0.	87	0.	86	0.	86	0.
95	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
97	91	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
100	92	10.00	91	0.	90	0.	89	0.	88	0.	88	0.
102	92	0.	91	0.	90	0.	89	0.	88	0.	88	0.
105	92	0.	91	0.	90	0.	89	0.	88	0.	88	0.
108	92	0.	91	0.	90	0.	89	0.	88	0.	88	0.
110	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
113	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
115	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
118	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
120	91	0.	91	0.	90	0.	89	0.	88	0.	87	0.
123	91	0.	91	0.	90	0.	89	0.	88	0.	87	0.
126	91	0.	91	0.	90	0.	89	0.	88	0.	87	0.
128	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
131	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
133	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
136	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
138	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
141	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
144	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
146	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
149	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
151	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
154	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
156	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
159	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
162	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
164	91	0.	91	0.	90	0.	89	0.	88	0.	87	0.
167	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
169	92	0.	91	0.	90	0.	89	0.	88	0.	88	0.
172	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
174	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
177	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
180	93	0.	92	0.	91	0.	90	0.	89	0.	89	0.
182	93	0.	92	0.	91	0.	91	0.	90	0.	89	0.
185	93	0.	93	0.	92	0.	91	0.	90	0.	89	0.
187	94	0.	93	0.	92	0.	91	0.	90	0.	90	0.
190	94	0.	93	0.	92	0.	92	0.	91	0.	90	0.
192	94	0.	93	0.	93	0.	92	0.	91	0.	90	0.
195	94	0.	94	0.	93	0.	92	0.	91	0.	90	0.
198	95	0.	94	0.	93	0.	92	0.	91	0.	91	0.
200	95	0.	94	0.	93	0.	92	0.	92	0.	91	0.
203	95	0.	94	0.	94	0.	93	0.	92	0.	91	0.
205	95	0.	95	0.	94	0.	93	0.	92	0.	91	0.
208	95	0.	95	0.	94	0.	93	0.	92	0.	91	0.
210	96	0.	95	0.	94	0.	93	0.	92	0.	92	0.
213	96	0.	95	0.	94	0.	93	0.	92	0.	92	0.
216	96	0.	95	0.	94	0.	93	0.	93	0.	92	0.
218	96	0.	95	0.	94	0.	93	0.	93	0.	92	0.
221	96	0.	95	0.	94	0.	94	0.	93	0.	92	0.
223	96	0.	95	0.	94	0.	94	0.	93	0.	92	0.
226	96	0.	95	0.	94	0.	93	0.	93	0.	92	0.
228	96	0.	95	0.	94	0.	93	0.	93	0.	92	0.
231	96	0.	95	0.	94	0.	93	0.	92	0.	92	0.
234	95	0.	95	0.	94	0.	93	0.	92	0.	91	0.
236	95	0.	94	0.	94	0.	93	0.	92	0.	91	0.
239	95	0.	94	0.	94	0.	93	0.	92	0.	91	0.
241	95	0.	94	0.	93	0.	93	0.	92	0.	91	0.
244	95	0.	94	0.	93	0.	92	0.	92	0.	91	0.
246	95	0.	94	0.	93	0.	92	0.	91	0.	90	0.
249	94	0.	93	0.	93	0.	92	0.	91	0.	90	0.
252	94	0.	93	0.	92	0.	92	0.	91	0.	90	0.
254	94	10.00	93	0.	92	0.	91	0.	91	0.	90	0.
257	94	10.00	93	0.	92	0.	91	0.	90	0.	89	0.
259	93	20.00	92	0.	91	0.	91	0.	90	0.	89	0.
262	93	30.00	92	0.	91	0.	90	0.	89	0.	88	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
264	92	20.00	91	0.	90	0.	89	0.	88	0.	87	0.
267	90	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
270	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
272	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
275	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
277	0	100.00	90	10.00	90	0.	89	0.	88	0.	87	0.
280	0	100.00	92	40.00	90	10.00	90	0.	89	0.	88	0.
282	94	70.00	92	40.00	91	10.00	90	0.	89	0.	88	0.
285	94	60.00	93	40.00	91	10.00	90	0.	89	0.	89	0.
288	93	40.00	92	20.00	91	10.00	90	0.	89	0.	89	0.
290	93	30.00	92	20.00	91	10.00	90	0.	89	0.	89	0.
293	93	30.00	92	20.00	91	10.00	90	0.	89	0.	88	0.
295	93	20.00	92	10.00	91	10.00	90	0.	89	0.	88	0.
298	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
300	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
303	92	20.00	91	10.00	91	0.	90	0.	89	0.	88	0.
306	92	10.00	91	10.00	90	0.	89	0.	89	0.	88	0.
308	92	10.00	91	0.	90	0.	89	0.	88	0.	88	0.
311	91	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
313	91	10.00	90	0.	90	0.	89	0.	88	0.	87	0.
316	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
318	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
321	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
324	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
326	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
329	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
331	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
334	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
336	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
339	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
342	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
344	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
347	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
349	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
352	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
354	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
357	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
360	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
AVERAGE SHIELDING		13.64		6.79		3.64		1.50		0.43		0.
AVERAGE TARGET CONTACT ANGLE		92		91		91		90		89		88

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8

SHIELDING OF TARGET AT POSITION B

RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
4	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
6	91	0.	90	0.	90	0.	89	0.	88	0.	88	0.
9	91	0.	91	0.	90	0.	89	0.	88	0.	88	0.
11	91	10.00	91	0.	90	0.	89	0.	88	0.	88	0.
13	91	10.00	91	0.	90	0.	89	0.	89	0.	88	0.
15	91	10.00	91	0.	90	0.	89	0.	89	0.	88	0.
18	92	10.00	91	0.	90	0.	89	0.	89	0.	88	0.
20	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
22	92	10.00	91	10.00	90	0.	90	0.	89	0.	88	0.
24	92	10.00	91	10.00	90	0.	90	0.	89	0.	88	0.
27	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
29	92	10.00	91	10.00	90	0.	90	0.	89	0.	88	0.
31	92	10.00	91	10.00	90	0.	90	0.	89	0.	88	0.
33	92	10.00	91	10.00	90	0.	89	0.	89	0.	88	0.
36	92	10.00	91	10.00	90	0.	89	0.	89	0.	88	0.
38	92	10.00	91	10.00	90	0.	90	0.	89	0.	88	0.
40	92	10.00	91	10.00	90	0.	90	0.	89	0.	88	0.
42	92	10.00	91	10.00	90	0.	90	0.	89	0.	88	0.
45	92	10.00	91	10.00	90	0.	90	0.	89	0.	88	0.
47	92	10.00	91	10.00	90	10.00	90	0.	89	0.	88	0.
49	92	20.00	91	10.00	90	10.00	90	0.	89	0.	88	0.
51	92	20.00	91	10.00	90	10.00	90	0.	89	0.	88	0.
54	92	20.00	91	10.00	90	10.00	90	0.	89	0.	88	0.
56	92	20.00	91	20.00	91	10.00	90	0.	89	0.	88	0.
58	93	30.00	92	20.00	91	10.00	90	10.00	89	0.	89	0.
60	93	30.00	92	20.00	91	20.00	90	10.00	90	0.	89	0.
63	93	40.00	92	30.00	92	20.00	91	10.00	90	0.	89	0.
65	94	50.00	93	40.00	92	30.00	91	20.00	90	10.00	89	0.
67	94	60.00	93	50.00	92	30.00	91	20.00	90	10.00	90	0.
69	94	70.00	93	50.00	92	40.00	91	30.00	90	10.00	89	0.
72	94	80.00	93	60.00	92	40.00	91	30.00	90	10.00	89	0.
74	94	90.00	93	60.00	92	40.00	91	30.00	90	10.00	89	0.
76	0	100.00	93	70.00	92	50.00	90	20.00	89	0.	89	0.

TABLE V (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
78	0	100.00	92	70.00	90	30.00	89	0.	89	0.	88	0.
81	0	100.00	90	40.00	89	0.	88	0.	88	0.	87	0.
83	0	100.00	89	0.	88	0.	87	0.	87	0.	86	0.
85	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
87	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
90	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
92	90	20.00	89	0.	88	0.	87	0.	87	0.	86	0.
94	90	10.00	89	0.	89	0.	88	0.	87	0.	87	0.
96	91	10.00	90	0.	89	0.	89	0.	88	0.	87	0.
99	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
101	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
103	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
105	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
108	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
110	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
112	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
114	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
117	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
119	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
121	90	0.	90	0.	89	0.	88	0.	88	0.	87	0.
123	90	0.	90	0.	89	0.	88	0.	88	0.	87	0.
126	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
128	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
130	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
132	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
135	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
137	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
139	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
141	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
144	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
146	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
148	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
150	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
153	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.

TABLE 22 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
155	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
157	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
159	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
162	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
164	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
166	90	0.	90	0.	89	0.	89	0.	88	0.	87	0.
168	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
171	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
173	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
175	91	0.	91	0.	90	0.	89	0.	88	0.	88	0.
177	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
180	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
182	92	0.	91	0.	91	0.	90	0.	89	0.	89	0.
184	92	0.	92	0.	91	0.	90	0.	90	0.	89	0.
186	93	0.	92	0.	91	0.	91	0.	90	0.	89	0.
189	93	0.	92	0.	92	0.	91	0.	90	0.	90	0.
191	93	0.	93	0.	92	0.	91	0.	91	0.	90	0.
193	94	0.	93	0.	92	0.	92	0.	91	0.	90	0.
195	94	0.	93	0.	93	0.	92	0.	91	0.	90	0.
198	94	0.	94	0.	93	0.	92	0.	91	0.	91	0.
200	94	0.	94	0.	93	0.	92	0.	92	0.	91	0.
202	95	0.	94	0.	93	0.	93	0.	92	0.	91	0.
204	95	0.	94	0.	93	0.	93	0.	92	0.	91	0.
207	95	0.	94	0.	93	0.	93	0.	92	0.	91	0.
209	95	0.	94	0.	94	0.	93	0.	92	0.	91	0.
211	95	0.	94	0.	94	0.	93	0.	92	0.	91	0.
213	95	0.	94	0.	94	0.	93	0.	92	0.	92	0.
216	95	0.	95	0.	94	0.	93	0.	92	0.	92	0.
218	95	0.	95	0.	94	0.	93	0.	92	0.	92	0.
220	95	0.	95	0.	94	0.	93	0.	92	0.	92	0.
222	95	0.	95	0.	94	0.	93	0.	92	0.	92	0.
225	95	0.	95	0.	94	0.	93	0.	92	0.	92	0.
227	95	0.	94	0.	94	0.	93	0.	92	0.	92	0.
229	95	0.	94	0.	94	0.	93	0.	92	0.	91	0.

TABLE 22 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
231	95	0.	94	0.	93	0.	93	0.	92	0.	91	0.
234	95	0.	94	0.	93	0.	93	0.	92	0.	91	0.
236	95	0.	94	0.	93	0.	93	0.	92	0.	91	0.
238	95	0.	94	0.	93	0.	92	0.	92	0.	91	0.
240	94	0.	94	0.	93	0.	92	0.	92	0.	91	0.
243	94	0.	94	0.	93	0.	92	0.	91	0.	91	0.
245	94	0.	93	0.	93	0.	92	0.	91	0.	90	0.
247	94	0.	93	0.	92	0.	92	0.	91	0.	90	0.
249	93	0.	93	0.	92	0.	91	0.	91	0.	90	0.
252	93	0.	92	0.	92	0.	91	0.	90	0.	90	0.
254	93	0.	92	0.	91	0.	91	0.	90	0.	89	0.
256	93	0.	92	0.	91	0.	90	0.	90	0.	89	0.
258	92	0.	92	0.	91	0.	90	0.	89	0.	89	0.
261	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
263	91	0.	91	0.	90	0.	89	0.	89	0.	88	0.
265	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
267	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
270	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
272	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
274	90	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
276	91	40.00	90	0.	89	0.	89	0.	88	0.	87	0.
279	92	40.00	90	10.00	90	0.	89	0.	88	0.	88	0.
281	92	40.00	91	10.00	90	0.	89	0.	89	0.	88	0.
283	92	30.00	91	10.00	90	0.	89	0.	89	0.	88	0.
285	92	30.00	91	10.00	90	0.	90	0.	89	0.	88	0.
288	92	20.00	91	10.00	90	0.	90	0.	89	0.	88	0.
290	92	20.00	91	10.00	90	0.	90	0.	89	0.	88	0.
292	92	20.00	91	10.00	90	0.	90	0.	89	0.	88	0.
294	92	20.00	91	10.00	90	0.	90	0.	89	0.	88	0.
297	92	20.00	91	10.00	90	0.	90	0.	89	0.	88	0.
299	92	10.00	91	10.00	90	0.	90	0.	89	0.	88	0.
301	91	10.00	91	0.	90	0.	89	0.	89	0.	88	0.
303	91	10.00	90	0.	90	0.	89	0.	88	0.	88	0.
306	91	10.00	90	0.	89	0.	89	0.	88	0.	87	0.

TABLE 22 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
308	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
310	90	0.	90	0.	89	0.	88	0.	88	0.	87	0.
312	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
315	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
317	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
319	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
321	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
324	89	0.	89	0.	88	0.	87	0.	86	0.	86	0.
326	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
328	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
330	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
333	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
335	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
337	89	10.00	88	0.	88	0.	87	0.	86	0.	86	0.
339	89	0.	89	0.	88	0.	87	0.	86	0.	86	0.
342	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
344	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
346	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
348	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
351	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
353	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
355	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
357	90	0.	90	0.	89	0.	88	0.	88	0.	87	0.
360	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
AVERAGE SHIELDING		9,37		4,81		2,25		1,12		0,31		0.
AVERAGE TARGET CONTACT ANGLE		92		91		90		89		89		88

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE-5

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TABLE 8

SHIELDING OF TARGET AT POSITION C
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
18	108	70.00	93	10.00	87	0.	81	0.	76	0.	70	0.
36	101	50.00	89	0.	83	0.	78	0.	72	0.	67	0.
54	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
72	90	0.	85	0.	79	0.	74	0.	68	0.	64	0.
90	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
108	92	0.	86	0.	80	0.	75	0.	69	0.	65	0.
126	101	40.00	90	0.	84	0.	79	0.	73	0.	68	0.
144	108	50.00	95	0.	90	0.	84	0.	78	0.	73	0.
162	111	50.00	101	20.00	94	0.	88	0.	82	0.	77	0.
180	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
198	111	50.00	101	20.00	94	0.	88	0.	83	0.	77	0.
216	108	50.00	96	0.	90	0.	85	0.	79	0.	73	0.
234	101	40.00	91	0.	85	0.	79	0.	74	0.	69	0.
252	92	0.	87	0.	81	0.	76	0.	70	0.	65	0.
270	92	0.	86	0.	80	0.	75	0.	69	0.	65	0.
288	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
306	92	0.	86	0.	80	0.	75	0.	69	0.	65	0.
324	102	50.00	89	0.	84	0.	78	0.	73	0.	68	0.
342	108	70.00	93	10.00	87	0.	82	0.	76	0.	71	0.
360	112	90.00	96	20.00	88	0.	83	0.	77	0.	72	0.
AVERAGE SHIELDING		30.50		4.00		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		100		90		84		79		73		68

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8

SHIELDING OF TARGET AT POSITION C

RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
9	108	70.00	104	50.00	100	30.00	96	20.00	92	0.	89	0.
18	108	70.00	104	50.00	100	30.00	96	20.00	92	0.	89	0.
27	108	80.00	103	50.00	99	30.00	95	20.00	92	0.	89	0.
36	108	90.00	103	60.00	98	30.00	93	10.00	91	0.	88	0.
45	0	100.00	100	50.00	96	30.00	91	10.00	89	0.	86	0.
54	0	100.00	97	40.00	91	10.00	89	0.	86	0.	83	0.
63	0	100.00	90	0.	87	0.	85	0.	82	0.	79	0.
72	93	40.00	87	0.	85	0.	82	0.	79	0.	76	0.
81	90	0.	87	0.	84	0.	81	0.	78	0.	76	0.
90	90	0.	87	0.	85	0.	82	0.	79	0.	76	0.
99	90	0.	87	0.	85	0.	82	0.	79	0.	76	0.
108	97	60.00	90	0.	87	0.	84	0.	81	0.	79	0.
117	103	90.00	93	10.00	91	0.	88	0.	85	0.	82	0.
126	104	60.00	98	20.00	94	10.00	91	0.	88	0.	85	0.
135	105	50.00	101	30.00	97	10.00	94	0.	91	0.	88	0.
144	107	40.00	103	30.00	99	10.00	96	0.	93	0.	90	0.
153	108	40.00	103	20.00	100	10.00	97	10.00	94	0.	91	0.
162	107	30.00	104	20.00	101	20.00	98	10.00	95	0.	92	0.
171	109	40.00	105	30.00	102	20.00	98	10.00	95	0.	92	0.
180	109	40.00	106	30.00	102	20.00	99	10.00	96	0.	93	0.
189	109	40.00	106	30.00	102	20.00	98	10.00	96	0.	93	0.
198	109	40.00	105	30.00	102	20.00	98	10.00	95	0.	93	0.
207	108	40.00	105	30.00	100	10.00	98	10.00	95	0.	92	0.
216	108	50.00	104	30.00	100	20.00	97	10.00	94	0.	91	0.
225	106	50.00	102	30.00	97	10.00	94	0.	92	0.	89	0.
234	106	60.00	98	20.00	95	10.00	92	0.	89	0.	86	0.
243	102	70.00	94	10.00	91	0.	88	0.	85	0.	83	0.
252	97	50.00	91	0.	88	0.	85	0.	82	0.	79	0.
261	91	0.	88	0.	86	0.	83	0.	80	0.	77	0.
270	91	0.	88	0.	85	0.	82	0.	79	0.	77	0.
279	91	0.	85	0.	85	0.	82	0.	79	0.	76	0.
288	94	40.00	88	0.	85	0.	83	0.	80	0.	77	0.
297	0	100.00	91	0.	88	0.	85	0.	82	0.	80	0.
306	0	100.00	97	40.00	92	0.	89	0.	86	0.	83	0.

23

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
315	106	90,00	99	40,00	95	20,00	91	0,	88	0,	85	0,
324	107	80,00	102	50,00	98	30,00	93	10,00	90	0,	87	0,
333	107	70,00	103	50,00	99	30,00	94	10,00	91	0,	88	0,
342	107	60,00	103	40,00	99	30,00	96	20,00	92	0,	89	0,
351	108	70,00	104	50,00	99	30,00	96	20,00	92	0.	89	0,
360	107	60,00	104	50,00	99	30,00	96	20,00	92	0,	89	0,
AVERAGE SHIELDING		54,75		24,75		13,00		6,00		0,		0,
AVERAGE TARGET CONTACT ANGLE		103		98		94		91		88		85

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8

SHIELDING OF TARGET AT POSITION C
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
6	99	30.00	97	20.00	94	10.00	92	0.	90	0.	88	0.
12	99	30.00	97	20.00	95	10.00	93	10.00	91	0.	89	0.
18	100	30.00	98	30.00	96	20.00	93	10.00	91	0	89	0.
24	101	40.00	98	30.00	96	20.00	93	10.00	92	0.	90	0.
30	101	40.00	99	30.00	96	20.00	94	10.00	92	0.	90	0.
36	102	50.00	100	40.00	97	30.00	95	20.00	92	10.00	90	0.
42	103	60.00	101	50.00	98	40.00	96	30.00	93	10.00	91	0.
48	103	70.00	101	60.00	98	40.00	95	20.00	92	10.00	90	0.
54	103	90.00	100	60.00	97	40.00	94	20.00	91	10.00	89	0.
60	0	100.00	98	60.00	94	30.00	91	10.00	89	0.	88	0.
66	0	100.00	94	40.00	91	10.00	89	0.	87	0.	85	0.
72	0	100.00	90	10.00	88	0.	86	0.	84	0.	82	0.
78	92	40.00	88	0.	86	0.	84	0.	82	0.	80	0.
84	89	0.	87	0.	86	0.	84	0.	82	0.	80	0.
90	90	0.	88	0.	86	0.	84	0.	82	0.	80	0.
96	90	0.	88	0.	86	0.	84	0.	82	0.	80	0.
102	94	60.00	89	0.	88	0.	86	0.	84	0.	82	0.
108	98	90.00	92	10.00	90	0.	88	0.	86	0.	84	0.
114	98	90.00	95	20.00	92	0.	91	0.	89	0.	87	0.
120	100	40.00	97	30.00	94	10.00	92	0.	90	0.	89	0.
126	100	30.00	98	20.00	95	10.00	93	0.	91	0.	90	0.
132	101	30.00	98	20.00	96	10.00	94	0.	92	0.	90	0.
138	101	30.00	99	20.00	96	10.00	94	0.	92	0.	90	0.
144	101	20.00	98	10.00	96	10.00	94	0.	93	0.	91	0.
150	100	10.00	98	10.00	96	0.	95	0.	93	0.	91	0.
156	100	10.00	98	10.00	96	0.	95	0.	93	0.	91	0.
162	100	10.00	99	10.00	97	0.	95	0.	93	0.	91	0.
168	101	20.00	99	10.00	97	10.00	95	0.	93	0.	91	0.
174	102	20.00	99	10.00	97	10.00	95	0.	94	0.	92	0.
180	102	20.00	100	10.00	98	10.00	96	0.	94	0.	92	0.
186	102	20.00	100	10.00	98	10.00	96	0.	94	0.	92	0.
192	102	20.00	100	10.00	98	10.00	96	0.	94	0.	92	0.
198	102	20.00	100	10.00	98	10.00	96	0.	94	0.	92	0.
204	102	20.00	100	10.00	98	10.00	96	0.	94	0.	92	0.

TABLE 23 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
210	102	20,00	100	10,00	98	10,00	96	0,	94	0,	92	0,
216	102	20,00	100	20,00	98	10,00	96	0,	94	0,	92	0,
222	102	30,00	100	20,00	98	10,00	96	10,00	94	0,	92	0,
228	102	30,00	100	20,00	97	10,00	95	0,	93	0,	92	0,
234	102	40,00	100	30,00	97	20,00	95	10,00	93	0,	91	0,
240	102	60,00	98	30,00	96	20,00	93	0,	92	0,	90	0,
246	0	100,00	96	20,00	93	10,00	92	0,	90	0,	88	0,
252	98	70,00	93	10,00	91	0,	89	0,	87	0,	85	0,
258	95	60,00	90	0,	88	0,	86	0,	85	0,	83	0,
264	91	0,	89	0,	87	0,	85	0,	83	0,	81	0,
270	91	0,	89	0,	87	0,	85	0,	83	0,	81	0,
276	90	0,	89	0,	87	0,	85	0,	83	0,	81	0,
282	93	50,00	89	0,	87	0,	85	0,	83	0,	82	0,
288	0	100,00	91	10,00	89	0,	87	0,	85	0,	83	0,
294	0	100,00	95	40,00	92	10,00	90	0,	88	0,	86	0,
300	0	100,00	98	50,00	95	30,00	92	10,00	90	0,	88	0,
306	102	70,00	99	50,00	96	30,00	94	20,00	91	0,	89	0,
312	102	60,00	100	50,00	97	30,00	94	20,00	92	0,	90	0,
318	101	50,00	99	40,00	96	30,00	93	10,00	92	0,	90	0,
324	100	40,00	98	30,00	96	20,00	93	10,00	91	0,	89	0,
330	100	30,00	97	20,00	95	20,00	93	10,00	91	0,	89	0,
336	99	30,00	97	20,00	95	10,00	93	10,00	91	0,	89	0,
342	99	30,00	97	20,00	94	10,00	92	0,	91	0,	89	0,
348	99	30,00	97	20,00	94	10,00	92	0,	90	0,	88	0,
354	99	30,00	96	20,00	94	10,00	92	0,	90	0,	88	0,
360	99	30,00	96	20,00	94	10,00	92	0,	90	0,	88	0,
AVERAGE SHIELDING		41,33		20,50		11,67		4,17		0,67		0,
AVERAGE TARGET CONTACT ANGLE		99		96		94		92		90		88

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8

SHIELDING OF TARGET AT POSITION C

RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
4	95	20.00	94	10.00	92	0.	91	0.	89	0.	88	0.
9	96	20.00	94	10.00	92	10.00	91	0.	90	0.	88	0.
13	96	20.00	94	10.00	93	10.00	91	0.	90	0.	89	0.
18	97	20.00	95	10.00	93	10.00	92	0.	90	0.	89	0.
22	97	20.00	96	20.00	94	10.00	92	10.00	91	0.	89	0.
27	98	30.00	96	20.00	94	10.00	93	10.00	91	0.	90	0.
31	98	30.00	96	20.00	95	20.00	93	10.00	91	0.	90	0.
36	98	30.00	96	20.00	95	20.00	93	10.00	91	0.	90	0.
40	98	30.00	97	30.00	95	20.00	93	10.00	92	10.00	90	0.
45	99	40.00	97	30.00	95	20.00	93	10.00	92	10.00	90	0.
49	99	50.00	97	40.00	95	30.00	93	20.00	92	10.00	90	0.
54	99	50.00	97	40.00	95	30.00	93	20.00	92	10.00	90	0.
58	99	70.00	97	50.00	95	40.00	93	20.00	91	10.00	90	0.
63	99	80.00	97	60.00	95	40.00	92	20.00	91	10.00	89	0.
67	0	100.00	96	60.00	93	30.00	91	10.00	89	0.	88	0.
72	96	90.00	93	40.00	90	10.00	89	0.	87	0.	86	0.
76	0	100.00	90	0.	88	0.	87	0.	85	0.	84	0.
81	91	40.00	88	0.	87	0.	85	0.	84	0.	82	0.
85	89	0.	88	0.	86	0.	85	0.	84	0.	82	0.
90	89	0.	88	0.	86	0.	85	0.	84	0.	82	0.
94	90	0.	88	0.	87	0.	85	0.	84	0.	82	0.
99	92	50.00	89	0.	88	0.	86	0.	85	0.	84	0.
103	96	80.00	91	10.00	90	0.	88	0.	87	0.	85	0.
108	95	40.00	93	20.00	91	0.	90	0.	88	0.	87	0.
112	97	40.00	94	20.00	93	10.00	91	0.	90	0.	88	0.
117	97	30.00	95	20.00	93	10.00	92	0.	90	0.	89	0.
121	97	20.00	95	10.00	93	0.	92	0.	90	0.	89	0.
126	97	20.00	95	10.00	93	0.	92	0.	91	0.	89	0.
130	96	10.00	95	10.00	93	0.	92	0.	91	0.	89	0.
135	96	10.00	95	10.00	93	0.	92	0.	91	0.	89	0.
139	96	10.00	95	0.	93	0.	92	0.	91	0.	89	0.
144	96	10.00	95	0.	93	0.	92	0.	90	0.	89	0.
148	96	0.	93	0.	93	0.	92	0.	90	0.	89	0.
153	96	0.	95	0.	93	0.	92	0.	91	0.	89	0.

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
157	96	0.	95	0.	94	0.	92	0.	91	0.	89	0.
162	97	0.	95	0.	94	0.	92	0.	91	0.	89	0.
166	97	0.	95	0.	94	0.	93	0.	91	0.	90	0.
171	97	0.	96	0.	94	0.	93	0.	91	0.	90	0.
175	97	10.00	96	0.	95	0.	93	0.	92	0.	90	0.
180	98	10.00	96	0.	95	0.	93	0.	92	0.	91	0.
184	98	10.00	96	0.	95	0.	94	0.	92	0.	91	0.
189	98	10.00	97	0.	95	0.	94	0.	92	0.	91	0.
193	98	10.00	97	10.00	96	0.	94	0.	93	0.	91	0.
198	99	10.00	97	10.00	96	0.	94	0.	93	0.	91	0.
202	99	10.00	97	10.00	96	0.	95	0.	93	0.	92	0.
207	99	10.00	98	10.00	96	0.	95	0.	93	0.	92	0.
211	99	10.00	98	10.00	96	0.	95	0.	93	0.	92	0.
216	99	10.00	98	10.00	96	0.	95	0.	93	0.	92	0.
220	100	20.00	98	10.00	96	10.00	95	0.	94	0.	92	0.
225	100	20.00	98	10.00	96	10.00	95	0.	93	0.	92	0.
229	99	20.00	98	20.00	96	10.00	95	0.	93	0.	92	0.
234	100	30.00	98	20.00	96	10.00	94	0.	93	0.	92	0.
238	100	40.00	98	20.00	96	10.00	94	10.00	93	0.	91	0.
243	100	50.00	98	30.00	96	20.00	94	10.00	93	0.	91	0.
247	100	80.00	97	30.00	95	20.00	93	10.00	92	0.	90	0.
252	98	70.00	94	20.00	93	10.00	91	0.	90	0.	88	0.
256	96	60.00	92	10.00	91	0.	89	0.	88	0.	86	0.
261	93	50.00	90	0.	89	0.	87	0.	86	0.	84	0.
265	91	0.	89	0.	88	0.	86	0.	85	0.	83	0.
270	90	0.	89	0.	88	0.	86	0.	85	0.	83	0.
274	90	0.	89	0.	88	0.	86	0.	85	0.	83	0.
279	93	50.00	89	0.	88	0.	87	0.	85	0.	84	0.
283	0	100.00	91	10.00	90	0.	88	0.	87	0.	85	0.
288	0	100.00	95	50.00	92	20.00	90	0.	89	0.	87	0.
292	0	100.00	97	60.00	94	30.00	92	10.00	90	0.	89	0.
297	100	80.00	97	50.00	95	40.00	93	20.00	91	0.	90	0.
301	99	60.00	97	50.00	95	30.00	93	20.00	91	0.	90	0.
306	98	40.00	96	30.00	94	20.00	92	10.00	91	0.	89	0.

TABLE 23 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
310	97	40.00	95	20.00	93	10.00	92	0.	90	0.	89	0.
315	97	30.00	95	20.00	93	10.00	92	0.	90	0.	89	0.
319	96	20.00	95	20.00	93	10.00	92	0.	90	0.	89	0.
324	96	20.00	95	20.00	93	10.00	92	0.	90	0.	89	0.
328	96	20.00	95	10.00	93	10.00	92	0.	90	0.	89	0.
333	96	20.00	94	10.00	93	10.00	91	0.	90	0.	89	0.
337	96	20.00	94	10.00	93	0.	91	0.	90	0.	88	0.
342	95	20.00	94	10.00	92	0.	91	0.	89	0.	88	0.
346	95	10.00	93	10.00	92	0.	91	0.	89	0.	88	0.
351	95	10.00	93	10.00	92	0.	90	0.	89	0.	87	0.
355	95	10.00	93	10.00	92	0.	90	0.	89	0.	87	0.
360	95	10.00	93	10.00	92	0.	90	0.	89	0.	87	0.
AVERAGE SHIELDING		31.00		15.25		7.87		3.00		0.75		0.
AVERAGE TARGET CONTACT ANGLE		96		95		93		91		90		88

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 23

SHIELDING OF TARGET AT POSITION C
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
7	94	10.00	93	10.00	91	0.	90	0.	89	0.	88	0.
10	94	10.00	93	10.00	92	0.	91	0.	89	0.	88	0.
14	94	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
18	95	10.00	94	10.00	92	10.00	91	0.	90	0.	89	0.
21	95	20.00	94	10.00	93	10.00	92	0.	90	0.	89	0.
25	96	20.00	94	10.00	93	10.00	92	0.	91	0.	89	0.
28	96	20.00	94	10.00	93	10.00	92	0.	91	0.	89	0.
32	96	20.00	94	10.00	93	10.00	92	0.	91	0.	89	0.
36	96	20.00	94	10.00	93	10.00	92	10.00	91	0.	90	0.
39	96	20.00	95	20.00	93	10.00	92	10.00	91	0.	90	0.
43	96	30.00	95	20.00	94	20.00	92	10.00	91	0.	90	0.
46	96	30.00	95	20.00	94	20.00	92	10.00	91	0.	90	0.
50	97	40.00	95	30.00	94	20.00	92	10.00	91	0.	90	0.
54	97	40.00	95	30.00	94	20.00	92	10.00	91	10.00	90	0.
57	97	50.00	96	40.00	94	30.00	93	20.00	91	10.00	90	0.
61	97	50.00	95	40.00	94	30.00	92	20.00	91	10.00	90	0.
64	97	70.00	95	50.00	94	30.00	92	20.00	91	10.00	90	0.
68	97	80.00	95	50.00	94	40.00	92	20.00	90	10.00	89	0.
72	0	100.00	94	50.00	92	30.00	90	10.00	89	0.	88	0.
75	0	100.00	92	40.00	90	10.00	89	0.	88	0.	87	0.
79	0	100.00	90	10.00	88	0.	87	0.	86	0.	85	0.
82	89	10.00	88	0.	87	0.	86	0.	85	0.	84	0.
86	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
90	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
93	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
97	91	40.00	89	0.	88	0.	87	0.	86	0.	85	0.
100	93	50.00	91	10.00	89	0.	88	0.	87	0.	86	0.
104	94	40.00	92	20.00	91	0.	89	0.	88	0.	87	0.
108	94	30.00	92	10.00	91	0.	90	0.	89	0.	88	0.
111	94	20.00	93	10.00	91	0.	90	0.	89	0.	88	0.
115	94	10.00	93	10.00	92	0.	90	0.	89	0.	88	0.
118	94	10.00	93	10.00	92	0.	90	0.	89	0.	88	0.
122	94	10.00	93	0.	92	0.	90	0.	89	0.	88	0.

TABLE 23 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
126	94	10.00	93	0.	92	0.	91	0.	89	0.	88	0.
129	94	0.	93	0.	92	0.	90	0.	89	0.	88	0.
133	94	0.	93	0.	92	0.	90	0.	89	0.	88	0.
136	94	0.	93	0.	92	0.	90	0.	89	0.	88	0.
140	94	0.	93	0.	91	0.	90	0.	89	0.	88	0.
144	94	0.	93	0.	91	0.	90	0.	89	0.	88	0.
147	94	0.	92	0.	91	0.	90	0.	89	0.	88	0.
151	94	0.	92	0.	91	0.	90	0.	89	0.	88	0.
154	94	0.	92	0.	91	0.	90	0.	89	0.	88	0.
158	94	0.	93	0.	91	0.	90	0.	89	0.	88	0.
162	94	0.	93	0.	92	0.	90	0.	89	0.	88	0.
165	94	0.	93	0.	92	0.	91	0.	89	0.	88	0.
169	94	0.	93	0.	92	0.	91	0.	90	0.	89	0.
172	94	0.	93	0.	92	0.	91	0.	90	0.	89	0.
176	95	0.	94	0.	92	0.	91	0.	90	0.	89	0.
180	95	0.	94	0.	93	0.	92	0.	90	0.	89	0.
183	95	0.	94	0.	93	0.	92	0.	91	0.	90	0.
187	96	0.	94	0.	93	0.	92	0.	91	0.	90	0.
190	96	0.	95	0.	94	0.	92	0.	91	0.	90	0.
194	96	0.	95	0.	94	0.	93	0.	92	0.	90	0.
198	96	0.	95	0.	94	0.	93	0.	92	0.	91	0.
201	97	0.	96	0.	94	0.	93	0.	92	0.	91	0.
205	97	0.	96	0.	95	0.	94	0.	92	0.	91	0.
208	97	0.	96	0.	95	0.	94	0.	93	0.	91	0.
212	97	10.00	96	0.	95	0.	94	0.	93	0.	92	0.
216	97	10.00	96	0.	95	0.	94	0.	93	0.	92	0.
219	98	10.00	96	10.00	95	0.	94	0.	93	0.	92	0.
223	98	10.00	97	10.00	95	0.	94	0.	93	0.	92	0.
226	98	10.00	97	10.00	96	10.00	94	0.	93	0.	92	0.
230	98	20.00	97	10.00	95	10.00	94	0.	93	0.	92	0.
234	98	20.00	96	10.00	95	10.00	94	0.	93	0.	92	0.
237	97	20.00	96	10.00	95	10.00	94	0.	93	0.	91	0.
241	97	20.00	96	20.00	95	10.00	93	0.	92	0.	91	0.
244	97	30.00	96	20.00	94	10.00	93	0.	92	0.	91	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
248	97	40.00	96	30.00	94	10.00	93	10.00	92	0.	91	0.
252	97	60.00	95	30.00	94	20.00	92	0.	91	0.	90	0.
255	97	80.00	94	30.00	92	10.00	91	0.	90	0.	89	0.
259	95	90.00	92	10.00	90	0.	89	0.	88	0.	87	0.
262	92	30.00	90	0.	89	0.	88	0.	87	0.	85	0.
266	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
270	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
273	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
277	91	30.00	90	0.	88	0.	87	0.	86	0.	85	0.
280	0	100.00	91	20.00	90	0.	89	0.	88	0.	86	0.
284	0	100.00	94	50.00	92	20.00	90	0.	89	0.	88	0.
288	98	90.00	95	60.00	93	30.00	91	10.00	90	0.	89	0.
291	97	70.00	96	50.00	94	30.00	92	20.00	91	0.	90	0.
295	97	50.00	95	40.00	94	30.00	92	10.00	91	0.	90	0.
298	96	40.00	94	30.00	93	20.00	91	10.00	90	0.	89	0.
302	95	30.00	94	20.00	92	10.00	91	0.	90	0.	89	0.
306	94	20.00	93	10.00	92	10.00	91	0.	89	0.	88	0.
309	94	20.00	93	10.00	91	0.	90	0.	89	0.	88	0.
313	94	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
316	93	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
320	93	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
324	93	10.00	92	0.	91	0.	90	0.	88	0.	87	0.
327	93	10.00	92	0.	91	0.	89	0.	88	0.	87	0.
331	93	10.00	92	0.	90	0.	89	0.	88	0.	87	0.
334	93	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
338	93	0.	91	0.	90	0.	89	0.	88	0.	87	0.
342	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
345	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
349	93	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
352	93	10.00	92	0.	90	0.	89	0.	88	0.	87	0.
356	93	10.00	92	0.	91	0.	89	0.	88	0.	87	0.
360	93	10.00	92	0.	91	0.	90	0.	88	0.	87	0.
AVERAGE SHIELDING		22.10		10.80		5.70		2.10		0.50		0.
AVERAGE TARGET CONTACT ANGLE		95		93		92		91		90		88

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE X

SHIELDING OF TARGET AT POSITION C
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	92	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
6	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
9	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
12	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
15	93	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
18	94	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
21	94	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
24	94	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
27	94	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
30	94	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
33	94	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
36	94	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
39	94	10.00	93	10.00	92	10.00	91	0.	90	0.	89	0.
42	94	20.00	93	10.00	92	10.00	91	0.	90	0.	89	0.
45	94	20.00	93	10.00	92	10.00	91	0.	90	0.	89	0.
48	94	20.00	93	10.00	92	10.00	91	0.	90	0.	89	0.
51	95	30.00	93	20.00	92	10.00	91	10.00	90	0.	89	0.
54	95	30.00	94	20.00	92	10.00	91	10.00	90	0.	89	0.
57	95	30.00	94	20.00	93	20.00	91	10.00	90	0.	89	0.
60	95	40.00	94	30.00	93	20.00	92	10.00	91	0.	90	0.
63	95	40.00	94	30.00	93	20.00	92	10.00	91	10.00	90	0.
66	96	50.00	94	40.00	93	30.00	92	20.00	91	10.00	90	0.
69	96	60.00	94	40.00	93	30.00	92	20.00	90	10.00	89	0.
72	95	70.00	94	50.00	92	30.00	91	20.00	90	0.	89	0.
75	0	100.00	94	60.00	92	30.00	90	10.00	89	0.	88	0.
78	0	100.00	92	40.00	90	10.00	89	0.	88	0.	87	0.
81	92	80.00	89	0.	88	0.	88	0.	87	0.	86	0.
84	90	20.00	88	0.	87	0.	86	0.	86	0.	85	0.
87	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
90	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
93	89	0.	88	0.	87	0.	86	0.	86	0.	85	0.
96	91	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
99	92	40.00	90	10.00	89	0.	88	0.	87	0.	86	0.
102	93	30.00	91	10.00	90	0.	89	0.	88	0.	87	0.

TABLE 23 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
105	92	20.00	91	10.00	90	0.	89	0.	88	0.	87	0.
108	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
111	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
114	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
117	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
120	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
123	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
126	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
129	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
132	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
135	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
138	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
141	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
144	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
147	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
150	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
153	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
156	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
159	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
162	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
165	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
168	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
171	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
174	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
177	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
180	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
183	94	0.	93	0.	92	0.	91	0.	90	0.	89	0.
186	94	0.	93	0.	92	0.	91	0.	90	0.	89	0.
189	94	0.	93	0.	92	0.	91	0.	90	0.	89	0.
192	94	0.	93	0.	92	0.	92	0.	91	0.	90	0.
195	95	0.	94	0.	93	0.	92	0.	91	0.	90	0.
198	95	0.	94	0.	93	0.	92	0.	91	0.	90	0.
201	95	0.	94	0.	93	0.	92	0.	91	0.	91	0.
204	96	0.	95	0.	94	0.	93	0.	92	0.	91	0.

TABLE 23 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
207	96	0.	95	0.	94	0.	93	0.	92	0.	91	0.
210	96	0.	95	0.	94	0.	93	0.	92	0.	91	0.
213	96	0.	95	0.	94	0.	93	0.	92	0.	91	0.
216	96	0.	95	0.	94	0.	93	0.	93	0.	92	0.
219	96	10.00	96	0.	95	0.	94	0.	93	0.	92	0.
222	97	10.00	96	0.	95	0.	94	0.	93	0.	92	0.
225	97	10.00	96	10.00	95	0.	94	0.	93	0.	92	0.
228	97	10.00	96	10.00	95	0.	94	0.	93	0.	92	0.
231	97	10.00	96	10.00	95	0.	94	0.	93	0.	92	0.
234	96	10.00	95	10.00	95	0.	94	0.	93	0.	92	0.
237	96	10.00	95	10.00	94	0.	93	0.	92	0.	91	0.
240	96	20.00	95	10.00	94	10.00	93	0.	92	0.	91	0.
243	96	20.00	95	10.00	94	10.00	93	0.	92	0.	91	0.
246	96	20.00	95	10.00	94	10.00	93	0.	92	0.	91	0.
249	96	30.00	95	20.00	93	10.00	92	0.	91	0.	90	0.
252	96	30.00	94	20.00	93	10.00	92	0.	91	0.	90	0.
255	96	50.00	94	30.00	93	10.00	92	0.	91	0.	90	0.
258	95	70.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
261	94	60.00	91	10.00	90	0.	89	0.	88	0.	88	0.
264	92	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
267	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
270	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
273	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
276	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
279	0	100.00	91	20.00	90	0.	89	0.	88	0.	87	0.
282	0	100.00	93	50.00	92	20.00	90	0.	89	0.	88	0.
285	96	80.00	94	50.00	93	30.00	91	10.00	90	0.	89	0.
288	95	60.00	94	40.00	92	20.00	91	10.00	90	0.	89	0.
291	95	40.00	93	30.00	92	20.00	91	0.	90	0.	89	0.
294	94	30.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
297	94	20.00	92	10.00	91	10.00	90	0.	90	0.	89	0.
300	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
303	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
306	93	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.

TABLE 23 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
309	92	10,00	91	0,	90	0,	89	0,	89	0,	88	0,
312	92	10,00	91	0,	90	0,	89	0,	88	0,	87	0,
315	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,
318	91	0,	90	0,	89	0,	88	0,	88	0,	87	0,
321	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
324	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
327	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
330	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
333	90	0,	90	0,	89	0,	88	0,	87	0,	86	0,
336	90	0,	90	0,	89	0,	88	0,	87	0,	86	0,
339	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
342	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
345	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
348	91	0,	90	0,	89	0,	88	0,	87	0,	86	0,
351	91	0,	91	0,	90	0,	89	0,	88	0,	87	0,
354	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,
357	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,
360	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,
AVERAGE SHIELDING		15,92		7,75		3,58		1,17		0,25		0,
AVERAGE TARGET CONTACT ANGLE		93		92		91		90		89		88

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 23

SHIELDING OF TARGET AT POSITION C
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
5	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
7	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
10	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
12	92	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
15	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
18	93	10.00	92	0.	91	0.	90	0.	89	0.	89	0.
20	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
23	92	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
25	92	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
28	92	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
30	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
33	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
36	92	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
38	92	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
41	92	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
43	92	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
46	92	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
48	92	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
51	92	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
54	93	20.00	92	10.00	91	10.00	90	0.	89	0.	88	0.
56	93	20.00	92	10.00	91	10.00	90	0.	90	0.	89	0.
59	93	20.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
61	94	30.00	93	20.00	92	10.00	91	10.00	90	0.	89	0.
64	94	30.00	93	20.00	92	20.00	91	10.00	90	0.	89	0.
66	94	40.00	93	30.00	92	20.00	91	10.00	90	10.00	90	0.
69	95	50.00	94	40.00	92	30.00	91	20.00	90	10.00	90	0.
72	95	60.00	93	40.00	92	30.00	91	20.00	90	10.00	89	0.
74	95	80.00	93	50.00	92	30.00	91	20.00	90	0.	89	0.
77	0	100.00	93	50.00	91	30.00	90	10.00	89	0.	88	0.
79	0	100.00	91	40.00	90	10.00	89	0.	88	0.	87	0.
82	0	100.00	90	10.00	89	0.	88	0.	87	0.	86	0.
84	90	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
87	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.

TABLE 23 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
90	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
92	89	10.00	88	0.	88	0.	87	0.	86	0.	85	0.
95	90	30.00	89	0.	88	0.	87	0.	87	0.	86	0.
97	91	30.00	90	0.	89	0.	88	0.	87	0.	87	0.
100	91	20.00	90	0.	89	0.	89	0.	88	0.	87	0.
102	91	10.00	90	0.	90	0.	89	0.	88	0.	87	0.
105	91	10.00	90	0.	90	0.	89	0.	88	0.	87	0.
108	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
110	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
113	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
115	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
118	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
120	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
123	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
126	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
128	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
131	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
133	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
136	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
138	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
141	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
144	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
146	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
149	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
151	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
154	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
156	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
159	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
162	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
164	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
167	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
169	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
172	91	0.	91	0.	90	0.	89	0.	88	0.	87	0.
174	92	0.	91	0.	90	0.	89	0.	88	0.	88	0.

TABLE 23 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
177	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
180	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
182	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
185	93	0.	92	0.	91	0.	90	0.	89	0.	89	0.
187	93	0.	92	0.	91	0.	90	0.	90	0.	89	0.
190	93	0.	92	0.	92	0.	91	0.	90	0.	89	0.
192	93	0.	93	0.	92	0.	91	0.	90	0.	89	0.
195	94	0.	93	0.	92	0.	91	0.	90	0.	90	0.
198	94	0.	93	0.	92	0.	92	0.	91	0.	90	0.
200	94	0.	93	0.	93	0.	92	0.	91	0.	90	0.
203	94	0.	94	0.	93	0.	92	0.	91	0.	90	0.
205	95	0.	94	0.	93	0.	92	0.	91	0.	91	0.
208	95	0.	94	0.	93	0.	93	0.	92	0.	91	0.
210	95	0.	94	0.	94	0.	93	0.	92	0.	91	0.
213	95	0.	95	0.	94	0.	93	0.	92	0.	91	0.
216	96	0.	95	0.	94	0.	93	0.	92	0.	91	0.
218	96	0.	95	0.	94	0.	93	0.	92	0.	92	0.
221	96	0.	95	0.	94	0.	93	0.	92	0.	92	0.
223	96	10.00	95	0.	94	0.	93	0.	93	0.	92	0.
226	96	10.00	95	0.	94	0.	93	0.	93	0.	92	0.
228	96	10.00	95	0.	94	0.	93	0.	92	0.	92	0.
231	96	10.00	95	10.00	94	0.	93	0.	92	0.	92	0.
234	96	10.00	95	10.00	94	0.	93	0.	92	0.	91	0.
236	95	10.00	95	10.00	94	0.	93	0.	92	0.	91	0.
239	95	10.00	94	10.00	94	0.	93	0.	92	0.	91	0.
241	95	10.00	94	10.00	93	0.	93	0.	92	0.	91	0.
244	95	10.00	94	10.00	93	0.	92	0.	92	0.	91	0.
246	95	20.00	94	10.00	93	10.00	92	0.	91	0.	91	0.
249	95	20.00	94	10.00	93	0.	92	0.	91	0.	90	0.
252	94	20.00	93	10.00	93	10.00	92	0.	91	0.	90	0.
254	94	30.00	93	20.00	92	10.00	91	0.	91	0.	90	0.
257	94	40.00	93	20.00	92	10.00	91	0.	90	0.	90	0.
259	94	50.00	92	20.00	91	0.	90	0.	90	0.	89	0.
262	93	50.00	91	10.00	90	0.	89	0.	89	0.	88	0.

TABLE 23 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
264	91	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
267	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
270	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
272	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
275	91	40.00	90	0.	89	0.	88	0.	87	0.	87	0.
277	0	100.00	91	20.00	90	0.	89	0.	89	0.	88	0.
280	94	80.00	92	30.00	91	10.00	90	0.	89	0.	88	0.
282	94	60.00	93	40.00	92	20.00	91	0.	90	0.	89	0.
285	94	50.00	93	30.00	92	20.00	91	0.	90	0.	89	0.
288	93	30.00	92	20.00	91	10.00	90	0.	90	0.	89	0.
290	93	30.00	92	20.00	91	10.00	90	0.	89	0.	89	0.
293	93	20.00	92	10.00	91	0.	90	0.	89	0.	89	0.
295	93	20.00	92	10.00	91	0.	90	0.	89	0.	89	0.
298	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
300	92	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
303	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
306	92	10.00	91	0.	90	0.	89	0.	89	0.	88	0.
308	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
311	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
313	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
316	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
318	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
321	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
324	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
326	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
329	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
331	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
334	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
336	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
339	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
342	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
344	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
347	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
349	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.

TABLE 23 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
352	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
354	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
357	91	0.	91	0.	90	0.	89	0.	88	0.	87	0.
360	92	0.	91	0.	90	0.	89	0.	88	0.	88	0.
AVERAGE SHIELDING		12.71		5.36		2.29		0.71		0.21		0.
AVERAGE TARGET CONTACT ANGLE		92		91		90		90		89		88

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

AD-A040 173 ARMY ENGINEER WATERWAYS EXPERIMENT STATION VICKSBURG MISS F/G 18/6
ANALYTICAL STUDY OF GROUND-SURFACE SHIELDING CHARACTERISTICS OF--ETC(U)
JUN 74 H W WEST, P L DOIRON, J A PARKS

UNCLASSIFIED WES-TR-M-74-4-VOL-2 NL

7 OF 21
AD A040173

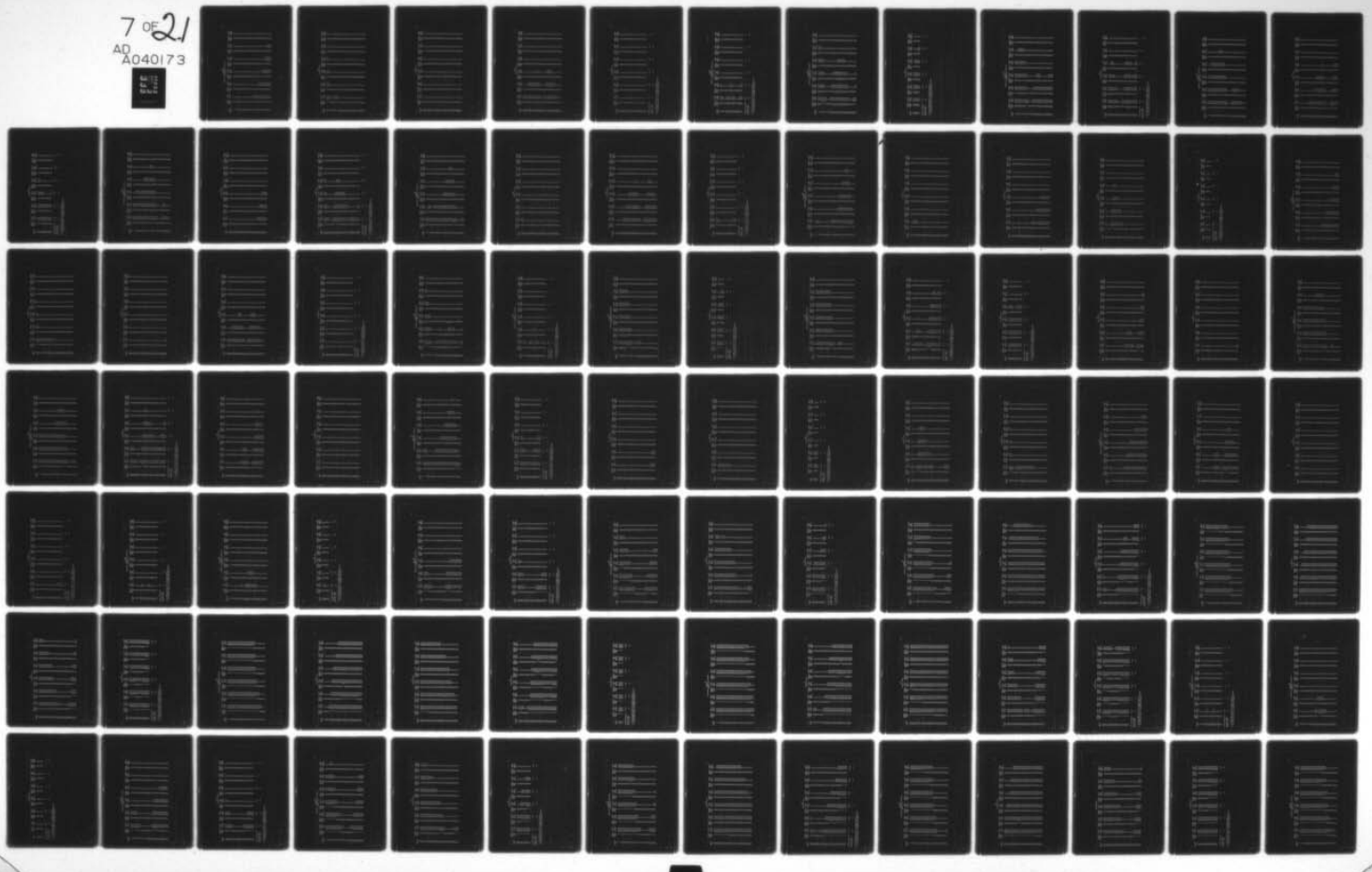

TABLE 23

SHIELDING OF TARGET AT POSITION C
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
2	91	0,	91	0,	90	0,	89	0,	88	0,	88	0,
4	91	0,	91	0,	90	0,	89	0,	88	0,	88	0,
6	91	0,	91	0,	90	0,	89	0,	88	0,	88	0,
9	91	0,	91	0,	90	0,	89	0,	89	0,	88	0,
11	91	0,	91	0,	90	0,	89	0,	89	0,	88	0,
13	92	0,	91	0,	90	0,	89	0,	89	0,	88	0,
15	92	0,	91	0,	90	0,	89	0,	89	0,	88	0,
18	91	0,	91	0,	90	0,	89	0,	89	0,	88	0,
20	91	0,	91	0,	90	0,	89	0,	88	0,	88	0,
22	91	0,	91	0,	90	0,	89	0,	88	0,	88	0,
24	91	0,	91	0,	90	0,	89	0,	88	0,	88	0,
27	91	0,	90	0,	90	0,	89	0,	88	0,	88	0,
29	91	0,	90	0,	90	0,	89	0,	88	0,	88	0,
31	91	0,	90	0,	90	0,	89	0,	88	0,	88	0,
33	91	0,	90	0,	90	0,	89	0,	88	0,	88	0,
36	91	0,	91	0,	90	0,	89	0,	88	0,	88	0,
38	91	0,	91	0,	90	0,	89	0,	88	0,	88	0,
40	91	0,	91	0,	90	0,	89	0,	88	0,	88	0,
42	91	10.00	91	0,	90	0,	89	0,	89	0,	88	0,
45	91	10.00	91	0,	90	0,	89	0,	89	0,	88	0,
47	92	10.00	91	0,	90	0,	89	0,	89	0,	88	0,
49	92	10.00	91	0,	90	0,	89	0,	89	0,	88	0,
51	92	10.00	91	0,	90	0,	90	0,	89	0,	88	0,
54	92	10.00	91	10.00	90	0,	90	0,	89	0,	88	0,
56	92	10.00	91	10.00	91	0,	90	0,	89	0,	88	0,
58	92	20.00	91	10.00	91	0,	90	0,	89	0,	89	0,
60	93	20.00	92	10.00	91	10.00	90	0,	90	0,	89	0,
63	93	20.00	92	20.00	91	10.00	90	0,	90	0,	89	0,
65	93	30.00	92	20.00	91	10.00	91	10.00	90	0,	89	0,
67	93	30.00	92	20.00	92	20.00	91	10.00	90	0,	89	0,
69	94	40.00	93	30.00	92	20.00	91	20.00	90	10.00	90	0,
72	94	50.00	93	40.00	92	30.00	91	20.00	90	10.00	90	0,
74	94	60.00	93	40.00	92	30.00	91	20.00	90	10.00	89	0,
76	94	80.00	93	50.00	91	30.00	91	20.00	90	0,	89	0,

TABLE 23 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
78	0	100.00	92	60.00	91	30.00	90	10.00	89	0.	88	0.
81	0	100.00	91	50.00	90	20.00	89	0.	88	0.	88	0.
83	0	100.00	90	20.00	89	0.	88	0.	87	0.	87	0.
85	90	20.00	89	0.	88	0.	87	0.	86	0.	86	0.
87	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
90	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
92	89	0.	89	0.	88	0.	87	0.	86	0.	86	0.
94	90	20.00	89	0.	88	0.	88	0.	87	0.	86	0.
96	91	30.00	90	0.	89	0.	88	0.	87	0.	87	0.
99	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
101	91	10.00	90	0.	89	0.	88	0.	88	0.	87	0.
103	90	0.	90	0.	89	0.	88	0.	88	0.	87	0.
105	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
108	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
110	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
112	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
114	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
117	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
119	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
121	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
123	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
126	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
128	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
130	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
132	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
135	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
137	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
139	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
141	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
144	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
146	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
148	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
150	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
153	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.

TABLE ~~I~~ 23 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
155	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
157	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
159	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
162	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
164	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
166	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
168	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
171	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
173	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
175	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
177	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
180	91	0.	90	0.	90	0.	89	0.	88	0.	88	0.
182	91	0.	91	0.	90	0.	89	0.	89	0.	88	0.
184	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
186	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
189	92	0.	92	0.	91	0.	90	0.	90	0.	89	0.
191	93	0.	92	0.	91	0.	91	0.	90	0.	89	0.
193	93	0.	92	0.	92	0.	91	0.	90	0.	89	0.
195	93	0.	93	0.	92	0.	91	0.	90	0.	90	0.
198	94	0.	93	0.	92	0.	91	0.	91	0.	90	0.
200	94	0.	93	0.	92	0.	92	0.	91	0.	90	0.
202	94	0.	93	0.	93	0.	92	0.	91	0.	90	0.
204	94	0.	94	0.	93	0.	92	0.	91	0.	91	0.
207	94	0.	94	0.	93	0.	92	0.	92	0.	91	0.
209	95	0.	94	0.	93	0.	93	0.	92	0.	91	0.
211	95	0.	94	0.	93	0.	93	0.	92	0.	91	0.
213	95	0.	94	0.	93	0.	93	0.	92	0.	91	0.
216	95	0.	94	0.	94	0.	93	0.	92	0.	91	0.
218	95	0.	94	0.	94	0.	93	0.	92	0.	91	0.
220	95	0.	94	0.	94	0.	93	0.	92	0.	92	0.
222	95	0.	95	0.	94	0.	93	0.	92	0.	92	0.
225	95	0.	95	0.	94	0.	93	0.	92	0.	92	0.
227	95	0.	95	0.	94	0.	93	0.	92	0.	92	0.
229	95	10.00	95	0.	94	0.	93	0.	92	0.	92	0.

TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
231	95	10.00	94	0.	94	0.	93	0.	92	0.	92	0.
234	95	10.00	94	0.	94	0.	93	0.	92	0.	91	0.
236	95	10.00	94	0.	93	0.	93	0.	92	0.	91	0.
238	95	10.00	94	0.	93	0.	93	0.	92	0.	91	0.
240	95	10.00	94	10.00	93	0.	92	0.	92	0.	91	0.
243	94	10.00	94	10.00	93	0.	92	0.	92	0.	91	0.
245	94	10.00	94	10.00	93	0.	92	0.	91	0.	91	0.
247	94	10.00	93	10.00	93	0.	92	0.	91	0.	90	0.
249	94	10.00	93	10.00	92	0.	92	0.	91	0.	90	0.
252	94	10.00	93	10.00	92	0.	91	0.	91	0.	90	0.
254	94	20.00	93	10.00	92	0.	91	0.	91	0.	90	0.
256	93	20.00	92	10.00	92	0.	91	0.	90	0.	90	0.
258	94	40.00	92	20.00	91	10.00	91	0.	90	0.	89	0.
261	93	40.00	92	20.00	91	0.	90	0.	89	0.	89	0.
263	93	60.00	91	10.00	90	0.	89	0.	89	0.	88	0.
265	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
267	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
270	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
272	90	20.00	90	0.	89	0.	88	0.	87	0.	87	0.
274	92	50.00	90	0.	89	0.	89	0.	88	0.	87	0.
276	0	100.00	91	30.00	90	0.	89	0.	89	0.	88	0.
279	93	60.00	92	30.00	91	10.00	90	0.	89	0.	89	0.
281	93	50.00	92	30.00	91	10.00	90	0.	89	0.	89	0.
283	93	40.00	92	20.00	91	10.00	90	0.	89	0.	89	0.
285	93	30.00	92	20.00	91	10.00	90	0.	89	0.	89	0.
288	92	20.00	92	10.00	91	0.	90	0.	89	0.	89	0.
290	92	20.00	91	10.00	91	0.	90	0.	89	0.	89	0.
292	92	20.00	91	10.00	91	0.	90	0.	89	0.	89	0.
294	92	10.00	91	10.00	91	0.	90	0.	89	0.	89	0.
297	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
299	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
301	91	0.	91	0.	90	0.	89	0.	89	0.	88	0.
303	91	0.	90	0.	90	0.	89	0.	88	0.	88	0.
306	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.

TABLE 23 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
308	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
310	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
312	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
315	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
317	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
319	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
321	89	0.	89	0.	88	0.	87	0.	86	0.	86	0.
324	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
326	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
328	89	20.00	88	0.	88	0.	87	0.	86	0.	86	0.
330	89	0.	89	0.	88	0.	87	0.	86	0.	86	0.
333	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
335	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
337	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
339	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
342	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
344	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
346	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
348	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
351	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
353	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
355	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
357	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
360	91	0.	90	0.	90	0.	89	0.	88	0.	88	0.
AVERAGE SHIELDING		9.87		4.31		1.62		0.59		0.19		0.
AVERAGE TARGET CONTACT ANGLE		92		91		90		89		89		88

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE-5

TABLE 24

SHIELDING OF TARGET AT POSITION D
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
18	108	70.00	93	10.00	87	0.	81	0.	76	0.	71	0.
36	101	50.00	89	0.	83	0.	78	0.	72	0.	67	0.
54	91	10.00	85	0.	80	0.	74	0.	69	0.	64	0.
72	90	0.	85	0.	79	0.	74	0.	68	0.	64	0.
90	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
108	92	0.	86	0.	80	0.	75	0.	69	0.	65	0.
126	101	40.00	90	0.	84	0.	79	0.	73	0.	68	0.
144	105	40.00	95	0.	89	0.	84	0.	78	0.	73	0.
162	111	50.00	99	10.00	93	0.	88	0.	82	0.	76	0.
180	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
198	111	50.00	101	20.00	94	0.	88	0.	83	0.	77	0.
216	108	50.00	96	0.	90	0.	85	0.	79	0.	74	0.
234	102	40.00	91	0.	85	0.	80	0.	74	0.	69	0.
252	93	0.	87	0.	81	0.	76	0.	70	0.	65	0.
270	92	0.	86	0.	80	0.	75	0.	70	0.	65	0.
288	91	0.	86	0.	80	0.	74	0.	69	0.	64	0.
306	92	0.	86	0.	80	0.	75	0.	70	0.	65	0.
324	102	50.00	89	0.	84	0.	78	0.	73	0.	68	0.
342	108	70.00	93	10.00	87	0.	82	0.	76	0.	71	0.
360	112	90.00	96	20.00	88	0.	83	0.	77	0.	72	0.
AVERAGE SHIELDING		30.50		3.50		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		100		90		84		79		73		68

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 5

SHIELDING OF TARGET AT POSITION D
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
9	109	70.00	105	50.00	101	40.00	97	20.00	93	10.00	90	0.
18	110	80.00	105	50.00	101	40.00	97	20.00	93	10.00	90	0.
27	109	80.00	105	60.00	101	40.00	96	20.00	92	10 00	90	0.
36	0	100.00	104	60.00	99	40.00	94	10.00	91	0.	88	0.
45	0	100.00	101	50.00	96	30.00	92	10.00	89	0.	86	0.
54	0	100.00	97	40.00	91	10.00	89	0.	86	0.	83	0.
63	0	100.00	90	0.	88	0.	85	0.	82	0.	79	0.
72	93	40.00	87	0.	85	0.	82	0.	79	0.	76	0.
81	90	0.	87	0.	84	0.	81	0.	78	0.	76	0.
90	90	0.	87	0.	85	0.	82	0.	79	0.	76	0.
99	90	0.	87	0.	84	0.	82	0.	79	0.	76	0.
108	97	60.00	90	0.	87	0.	84	0.	81	0.	79	0.
117	103	90.00	93	10.00	90	0.	88	0.	85	0.	82	0.
126	104	60.00	98	20.00	94	10.00	91	0.	88	0.	85	0.
135	105	50.00	101	30.00	96	10.00	93	0.	90	0.	87	0.
144	106	40.00	103	30.00	98	10.00	95	0.	92	0.	90	0.
153	106	30.00	102	20.00	99	10.00	96	0.	93	0.	90	0.
162	107	30.00	103	20.00	100	10.00	97	10.00	94	0.	91	0.
171	108	40.00	104	20.00	100	10.00	97	10.00	94	0.	92	0.
180	107	30.00	104	20.00	100	10.00	98	10.00	95	0.	92	0.
189	108	40.00	104	20.00	102	20.00	98	10.00	95	0.	92	0.
198	109	40.00	105	30.00	102	20.00	98	10.00	95	0.	93	0.
207	109	40.00	105	30.00	102	20.00	98	10.00	95	0.	92	0.
216	109	50.00	104	30.00	101	20.00	97	10.00	94	0.	91	0.
225	106	50.00	102	30.00	99	20.00	95	0.	92	0.	89	0.
234	106	80.00	100	30.00	95	10.00	92	0.	89	0.	87	0.
243	102	70.00	94	10.00	92	0.	89	0.	86	0.	83	0.
252	99	70.00	91	0.	88	0.	85	0.	82	0.	80	0.
261	91	0.	88	0.	86	0.	83	0.	80	0.	77	0.
270	91	0.	88	0.	85	0.	82	0.	79	0.	77	0.
279	91	0.	88	0.	85	0.	82	0.	79	0.	77	0.
288	93	30.00	88	0.	85	0.	83	0.	80	0.	77	0.
297	0	100.00	91	0.	88	0.	85	0.	83	0.	80	0.
306	0	100.00	97	40.00	92	10.00	89	0.	86	0.	83	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
315	106	90,00	101	50,00	95	20,00	91	0,	89	0,	86	0,
324	107	80,00	102	50,00	98	30,00	93	10,00	91	0,	88	0,
333	108	70,00	103	50,00	99	30,00	95	10,00	92	0,	89	0,
342	108	70,00	104	50,00	100	30,00	96	20,00	92	0,	89	0,
351	109	70,00	104	50,00	100	30,00	96	20,00	93	10,00	90	0,
360	109	70,00	105	50,00	101	40,00	97	20,00	93	10,00	90	0,
AVERAGE SHIELDING		55,50		25,00		14,25		5,75		1,25		0,
AVERAGE TARGET CONTACT ANGLE		103		98		94		91		88		85

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 24

SHIELDING OF TARGET AT POSITION D
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
6	100	30.00	98	30.00	96	20.00	94	10.00	92	0.	90	0.
12	101	40.00	99	30.00	96	20.00	94	10.00	92	0.	90	0.
18	102	40.00	99	30.00	97	20.00	94	10.00	92	0.	91	0.
24	102	40.00	99	30.00	97	20.00	94	10.00	93	10.00	91	0.
30	102	50.00	99	30.00	97	20.00	95	20.00	93	10.00	91	0.
36	102	50.00	100	40.00	97	30.00	95	20.00	93	10.00	91	0.
42	103	60.00	100	50.00	97	30.00	95	20.00	92	10.00	90	0.
48	103	70.00	100	50.00	97	40.00	94	20.00	92	10.00	90	0.
54	102	80.00	100	60.00	97	40.00	94	20.00	91	10.00	89	0.
60	101	90.00	97	50.00	94	30.00	91	10.00	89	0.	87	0.
66	0	100.00	94	40.00	91	10.00	89	0.	87	0.	85	0.
72	0	100.00	90	0.	88	0.	86	0.	84	0.	82	0.
78	91	40.00	88	0.	86	0.	84	0.	82	0.	80	0.
84	89	0.	87	0.	86	0.	84	0.	82	0.	80	0.
90	89	0.	88	0.	86	0.	84	0.	82	0.	80	0.
96	90	0.	88	0.	86	0.	84	0.	82	0.	80	0.
102	94	60.00	89	0.	88	0.	86	0.	84	0.	82	0.
108	96	80.00	92	10.00	90	0.	88	0.	86	0.	84	0.
114	98	50.00	95	20.00	92	0.	90	0.	88	0.	87	0.
120	99	40.00	96	20.00	94	10.00	92	0.	90	0.	88	0.
126	99	30.00	97	20.00	95	10.00	93	0.	91	0.	89	0.
132	99	20.00	97	10.00	95	10.00	93	0.	91	0.	89	0.
138	100	20.00	97	10.00	95	10.00	93	0.	91	0.	90	0.
144	100	20.00	97	10.00	95	0.	93	0.	92	0.	90	0.
150	99	10.00	97	10.00	96	0.	94	0.	92	0.	90	0.
156	99	10.00	98	10.00	96	0.	94	0.	92	0.	90	0.
162	100	10.00	98	10.00	96	0.	94	0.	92	0.	90	0.
168	100	10.00	98	10.00	96	0.	94	0.	92	0.	90	0.
174	100	10.00	98	10.00	96	0.	94	0.	93	0.	91	0.
180	100	10.00	99	10.00	97	0.	95	0.	93	0.	91	0.
186	101	20.00	99	10.00	97	10.00	95	0.	93	0.	91	0.
192	102	20.00	99	10.00	97	10.00	96	0.	94	0.	92	0.
198	102	20.00	100	10.00	98	10.00	96	0.	94	0.	92	0.
204	102	20.00	100	10.00	98	10.00	96	0.	94	0.	92	0.

TABLE 2F (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARSET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
210	102	20.00	100	10.00	98	10.00	96	0.	94	0.	92	0.
216	102	20.00	100	10.00	98	10.00	96	0.	94	0.	92	0.
222	103	30.00	100	20.00	98	10.00	96	10.00	94	0.	92	0.
228	102	30.00	100	20.00	97	10.00	96	10.00	94	0.	92	0.
234	102	40.00	100	30.00	98	20.00	95	10.00	93	0.	91	0.
240	101	50.00	98	30.00	96	20.00	94	0.	92	0.	90	0.
246	100	70.00	96	20.00	93	0.	91	0.	90	0.	88	0.
252	98	60.00	93	10.00	91	0.	89	0.	87	0.	85	0.
258	95	50.00	90	0.	88	0.	87	0.	85	0.	83	0.
264	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
270	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
276	90	0.	88	0.	87	0.	85	0.	83	0.	81	0.
282	92	40.00	89	0.	87	0.	85	0.	83	0.	81	0.
288	97	90.00	91	0.	89	0.	87	0.	85	0.	83	0.
294	0	100.00	95	40.00	91	10.00	89	0.	88	0.	86	0.
300	101	80.00	97	50.00	94	30.00	91	10.00	89	0.	88	0.
306	102	70.00	99	50.00	96	30.00	93	20.00	91	0.	89	0.
312	102	60.00	99	40.00	97	30.00	93	10.00	92	0.	90	0.
318	101	50.00	99	40.00	96	20.00	93	10.00	91	0.	89	0.
324	100	40.00	98	30.00	95	20.00	93	10.00	91	0.	89	0.
330	100	30.00	97	20.00	95	10.00	93	10.00	91	0.	89	0.
336	99	30.00	97	20.00	94	10.00	92	0.	91	0.	89	0.
342	99	30.00	97	20.00	94	10.00	92	0.	90	0.	88	0.
348	99	30.00	97	20.00	94	10.00	92	0.	91	0.	89	0.
354	100	30.00	97	20.00	95	10.00	93	10.00	91	0.	89	0.
360	100	30.00	98	20.00	96	20.00	93	10.00	91	0.	89	0.
AVERAGE SHIELDING		38.83		19.33		10.83		4.50		1.00		0.
AVERAGE TARGET CONTACT ANGLE		99		96		94		92		90		88

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 24

SHIELDING OF TARGET AT POSITION D

RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
4	97	20.00	95	10.00	93	10.00	92	0.	91	0.	89	0.
9	97	20.00	96	20.00	94	10.00	92	0.	91	0.	89	0.
13	97	20.00	96	20.00	94	10.00	93	10.00	91	0.	90	0.
18	98	20.00	96	20.00	94	10.00	93	10.00	91	0.	90	0.
22	98	20.00	96	20.00	94	10.00	93	10.00	91	0.	90	0.
27	98	30.00	96	20.00	94	10.00	93	10.00	91	0.	90	0.
31	98	30.00	96	20.00	94	10.00	93	10.00	92	0.	90	0.
36	98	30.00	96	20.00	95	20.00	93	10.00	92	0.	90	0.
40	98	30.00	96	20.00	95	20.00	93	10.00	92	0.	90	0.
45	99	40.00	97	30.00	95	20.00	93	10.00	92	10.00	90	0.
49	99	50.00	97	40.00	95	30.00	94	20.00	92	10.00	90	0.
54	99	50.00	97	40.00	95	30.00	93	20.00	92	10.00	90	0.
58	99	70.00	97	50.00	95	40.00	93	20.00	91	10.00	90	0.
63	99	80.00	97	60.00	95	40.00	92	20.00	91	0.	89	0.
67	98	90.00	95	50.00	93	30.00	91	10.00	89	0.	88	0.
72	96	80.00	92	30.00	90	10.00	89	0.	87	0.	86	0.
76	0	100.00	90	10.00	88	0.	87	0.	85	0.	84	0.
81	91	40.00	88	0.	87	0.	85	0.	84	0.	82	0.
85	89	0.	88	0.	86	0.	85	0.	84	0.	82	0.
90	89	0.	88	0.	86	0.	85	0.	84	0.	82	0.
94	90	0.	88	0.	87	0.	85	0.	84	0.	82	0.
99	92	50.00	89	0.	88	0.	86	0.	85	0.	84	0.
103	95	60.00	91	10.00	90	0.	88	0.	87	0.	85	0.
108	95	40.00	93	20.00	91	0.	90	0.	88	0.	87	0.
112	96	30.00	94	20.00	92	0.	90	0.	89	0.	88	0.
117	95	20.00	94	10.00	92	0.	91	0.	89	0.	88	0.
121	95	10.00	94	10.00	92	0.	91	0.	90	0.	88	0.
126	95	10.00	94	10.00	93	0.	91	0.	90	0.	88	0.
130	96	10.00	94	10.00	93	0.	91	0.	90	0.	88	0.
135	96	10.00	94	0.	93	0.	91	0.	90	0.	88	0.
139	96	10.00	94	0.	93	0.	91	0.	90	0.	88	0.
144	95	0.	94	0.	93	0.	91	0.	90	0.	88	0.
148	96	0.	94	0.	93	0.	91	0.	90	0.	88	0.
153	96	0.	94	0.	93	0.	91	0.	90	0.	88	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
157	96	0.	94	0.	93	0.	91	0.	90	0.	88	0.
162	96	0.	94	0.	93	0.	91	0.	90	0.	89	0.
166	96	0.	94	0.	93	0.	92	0.	90	0.	89	0.
171	96	0.	95	0.	93	0.	92	0.	90	0.	89	0.
175	96	0.	95	0.	94	0.	92	0.	91	0.	89	0.
180	97	0.	95	0.	94	0.	92	0.	91	0.	90	0.
184	97	0.	96	0.	94	0.	93	0.	91	0.	90	0.
189	97	10.00	96	0.	95	0.	93	0.	92	0.	90	0.
193	98	10.00	96	0.	95	0.	94	0.	92	0.	91	0.
198	98	10.00	97	0.	95	0.	94	0.	92	0.	91	0.
202	98	10.00	97	0.	96	0.	94	0.	93	0.	91	0.
207	99	10.00	97	0.	96	0.	94	0.	93	0.	92	0.
211	99	10.00	97	10.00	96	0.	95	0.	93	0.	92	0.
216	99	10.00	98	10.00	96	0.	95	0.	93	0.	92	0.
220	99	20.00	98	10.00	96	10.00	95	0.	93	0.	92	0.
225	99	20.00	98	10.00	96	10.00	95	0.	93	0.	92	0.
229	99	20.00	98	20.00	96	10.00	95	0.	93	0.	92	0.
234	100	30.00	98	20.00	96	10.00	95	0.	93	0.	92	0.
238	99	30.00	97	20.00	96	10.00	94	0.	93	0.	91	0.
243	99	40.00	97	20.00	95	10.00	94	10.00	92	0.	91	0.
247	99	50.00	96	30.00	94	10.00	93	0.	91	0.	90	0.
252	98	70.00	94	20.00	93	10.00	91	0.	90	0.	88	0.
256	96	80.00	92	10.00	91	0.	89	0.	88	0.	86	0.
261	93	50.00	90	0.	89	0.	87	0.	86	0.	84	0.
265	91	0.	89	0.	88	0.	86	0.	85	0.	83	0.
270	90	0.	89	0.	88	0.	86	0.	85	0.	83	0.
274	90	0.	89	0.	87	0.	86	0.	85	0.	83	0.
279	92	50.00	89	0.	88	0.	86	0.	85	0.	84	0.
283	0	100.00	91	10.00	89	0.	88	0.	87	0.	85	0.
288	0	100.00	94	40.00	91	10.00	90	0.	88	0.	87	0.
292	99	90.00	96	50.00	94	30.00	91	10.00	90	0.	88	0.
297	100	80.00	97	50.00	95	30.00	93	20.00	91	0.	90	0.
301	99	60.00	97	50.00	95	30.00	93	20.00	91	0.	90	0.
306	98	40.00	96	30.00	94	20.00	92	10.00	91	0.	90	0.

TABLE 24 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
310	98	40.00	96	30.00	94	20.00	92	10.00	91	0.	89	0.
315	97	30.00	95	20.00	94	10.00	92	10.00	91	0.	89	0.
319	97	30.00	95	20.00	94	10.00	92	0.	91	0.	89	0.
324	97	20.00	95	10.00	93	10.00	92	0.	90	0.	89	0.
328	96	20.00	94	10.00	93	10.00	91	0.	90	0.	89	0.
333	96	20.00	94	10.00	93	0.	91	0.	90	0.	88	0.
337	96	20.00	94	10.00	92	0.	91	0.	89	0.	88	0.
342	95	10.00	93	10.00	92	0.	91	0.	89	0.	88	0.
346	95	10.00	93	10.00	92	0.	91	0.	89	0.	88	0.
351	96	20.00	94	10.00	92	0.	91	0.	89	0.	88	0.
355	96	20.00	94	10.00	93	0.	91	0.	90	0.	88	0.
360	96	20.00	94	10.00	93	10.00	92	0.	90	0.	89	0.
AVERAGE SHIELDING		29.12		14.25		7.25		3.25		0.50		0.
AVERAGE TARGET CONTACT ANGLE		96		94		93		91		90		88

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 3
SHIELDING OF TARGET AT POSITION D
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	94	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
7	95	10.00	94	10.00	92	0.	91	0.	90	0.	89	0.
10	95	20.00	94	10.00	93	10.00	92	0.	91	0.	89	0.
14	95	20.00	94	10.00	93	10.00	92	0.	91	0.	89	0.
18	95	10.00	94	10.00	93	10.00	92	0.	90	0.	89	0.
21	95	20.00	94	10.00	93	10.00	92	0.	90	0.	89	0.
25	95	20.00	94	10.00	93	10.00	92	0.	90	0.	89	0.
28	95	20.00	94	10.00	93	10.00	92	0.	90	0.	89	0.
32	95	20.00	94	10.00	93	10.00	92	0.	90	0.	89	0.
36	95	20.00	94	10.00	93	10.00	92	0.	91	0.	89	0.
39	96	20.00	94	10.00	93	10.00	92	10.00	91	0.	89	0.
43	96	30.00	95	20.00	93	10.00	92	10.00	91	0.	90	0.
46	96	30.00	95	20.00	93	10.00	92	10.00	91	0.	90	0.
50	96	30.00	95	30.00	93	20.00	92	10.00	91	0.	90	0.
54	97	40.00	95	30.00	94	20.00	92	10.00	91	0.	90	0.
57	97	50.00	95	40.00	94	30.00	92	10.00	91	10.00	90	0.
61	97	50.00	95	40.00	94	30.00	92	20.00	91	10.00	90	0.
64	97	60.00	95	50.00	94	30.00	92	20.00	91	10.00	89	0.
68	97	70.00	95	50.00	93	30.00	92	20.00	90	0.	89	0.
72	0	100.00	94	50.00	92	30.00	90	10.00	89	0.	88	0.
75	95	90.00	92	40.00	90	10.00	89	0.	88	0.	86	0.
79	93	90.00	90	10.00	88	0.	87	0.	86	0.	85	0.
82	90	20.00	88	0.	87	0.	86	0.	85	0.	84	0.
86	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
90	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
93	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
97	91	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
100	93	40.00	90	10.00	89	0.	88	0.	87	0.	86	0.
104	94	40.00	91	10.00	90	0.	89	0.	88	0.	87	0.
108	93	20.00	92	10.00	91	0.	89	0.	88	0.	87	0.
111	93	10.00	92	0.	91	0.	89	0.	88	0.	87	0.
115	93	10.00	92	0.	91	0.	89	0.	88	0.	87	0.
118	93	10.00	92	0.	91	0.	89	0.	88	0.	87	0.
122	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.

TABLE 24 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
126	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
129	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
133	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
136	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
140	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
144	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
147	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
151	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
154	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
158	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
162	93	0.	92	0.	91	0.	90	0.	89	0.	87	0.
165	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
169	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
172	94	0.	92	0.	91	0.	90	0.	89	0.	88	0.
176	94	0.	93	0.	92	0.	90	0.	89	0.	88	0.
180	94	0.	93	0.	92	0.	91	0.	90	0.	88	0.
183	95	0.	93	0.	92	0.	91	0.	90	0.	89	0.
187	95	0.	94	0.	93	0.	91	0.	90	0.	89	0.
190	95	0.	94	0.	93	0.	92	0.	91	0.	89	0.
194	96	0.	94	0.	93	0.	92	0.	91	0.	90	0.
198	96	0.	95	0.	94	0.	92	0.	91	0.	90	0.
201	96	0.	95	0.	94	0.	93	0.	92	0.	90	0.
205	96	0.	95	0.	94	0.	93	0.	92	0.	91	0.
208	97	0.	96	0.	94	0.	93	0.	92	0.	91	0.
212	97	0.	96	0.	95	0.	93	0.	92	0.	91	0.
216	97	10.00	96	0.	95	0.	94	0.	93	0.	91	0.
219	97	10.00	96	0.	95	0.	94	0.	93	0.	92	0.
223	97	10.00	96	10.00	95	0.	94	0.	93	0.	92	0.
226	98	10.00	96	10.00	95	0.	94	0.	93	0.	92	0.
230	98	20.00	96	10.00	95	10.00	94	0.	93	0.	92	0.
234	98	20.00	96	10.00	95	10.00	94	0.	93	0.	92	0.
237	98	20.00	96	10.00	95	10.00	94	0.	93	0.	92	0.
241	97	20.00	96	20.00	95	10.00	94	0.	92	0.	91	0.
244	98	30.00	96	20.00	95	10.00	93	0.	92	0.	91	0.

TABLE 24 (CON,)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
248	98	40.00	96	30.00	95	20.00	93	10.00	92	0.	91	0.
252	0	100.00	96	30.00	94	20.00	93	10.00	92	0.	90	0.
255	97	90.00	94	30.00	92	10.00	91	0.	90	0.	89	0.
259	95	70.00	92	10.00	90	0.	89	0.	88	0.	87	0.
262	92	20.00	90	0.	89	0.	88	0.	87	0.	85	0.
266	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
270	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
273	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
277	91	20.00	90	0.	88	0.	87	0.	86	0.	85	0.
280	0	100.00	91	20.00	90	0.	89	0.	87	0.	86	0.
284	0	100.00	94	50.00	92	20.00	90	0.	89	0.	88	0.
288	0	100.00	96	60.00	93	30.00	92	20.00	90	0.	89	0.
291	98	80.00	96	50.00	94	40.00	92	20.00	91	0.	90	0.
295	97	60.00	95	40.00	94	30.00	93	20.00	91	0.	90	0.
298	96	40.00	95	30.00	93	20.00	92	10.00	91	0.	89	0.
302	95	30.00	94	20.00	92	10.00	91	0.	90	0.	89	0.
306	95	30.00	94	20.00	92	10.00	91	0.	90	0.	89	0.
309	95	20.00	93	10.00	92	10.00	91	0.	90	0.	89	0.
313	95	20.00	93	10.00	92	10.00	91	0.	90	0.	89	0.
316	95	20.00	93	10.00	92	0.	91	0.	90	0.	89	0.
320	94	10.00	93	10.00	92	0.	91	0.	89	0.	88	0.
324	94	10.00	93	10.00	91	0.	90	0.	89	0.	88	0.
327	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
331	93	10.00	92	0.	91	0.	90	0.	89	0.	87	0.
334	93	10.00	92	0.	91	0.	90	0.	88	0.	87	0.
338	93	10.00	92	0.	91	0.	90	0.	88	0.	87	0.
342	93	10.00	92	0.	91	0.	90	0.	88	0.	87	0.
345	93	10.00	92	0.	91	0.	90	0.	88	0.	87	0.
349	93	10.00	92	0.	91	0.	90	0.	89	0.	87	0.
352	94	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
356	94	10.00	93	10.00	92	0.	90	0.	89	0.	88	0.
360	94	10.00	93	10.00	92	0.	91	0.	90	0.	88	0.
AVERAGE SHIELDING		22.20		10.70		5.90		2.20		0.30		0.
AVERAGE TARGET CONTACT ANGLE		94		93		92		91		89		88

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

24

TABLE 3

SHIELDING OF TARGET AT POSITION D

RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	93	10.00	92	0.	91	0.	90	0.	89	0.	89	0.
6	93	10.00	93	0.	92	0.	91	0.	90	0.	89	0.
9	94	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
12	94	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
15	94	10.00	93	10.00	92	0.	91	0.	90	0.	89	0.
18	93	10.00	93	0.	92	0.	91	0.	90	0.	89	0.
21	93	10.00	92	0.	91	0.	91	0.	90	0.	89	0.
24	93	10.00	92	10.00	91	0.	91	0.	90	0.	89	0.
27	93	10.00	92	10.00	91	0.	90	0.	90	0.	89	0.
30	93	10.00	92	10.00	91	0.	90	0.	89	0.	89	0.
33	93	10.00	92	10.00	91	0.	90	0.	89	0.	89	0.
36	93	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
39	93	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
42	93	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
45	93	10.00	92	10.00	91	0.	90	0.	89	0.	89	0.
48	94	20.00	92	10.00	92	10.00	91	0.	90	0.	89	0.
51	94	20.00	93	10.00	92	10.00	91	0.	90	0.	89	0.
54	94	20.00	93	20.00	92	10.00	91	10.00	90	0.	89	0.
57	95	30.00	93	20.00	92	10.00	91	10.00	90	0.	89	0.
60	95	30.00	94	30.00	93	20.00	91	10.00	91	0.	90	0.
63	95	40.00	94	30.00	93	20.00	92	10.00	91	10.00	90	0.
66	96	50.00	94	40.00	93	30.00	92	20.00	91	10.00	90	0.
69	96	60.00	94	40.00	93	30.00	92	20.00	90	10.00	89	0.
72	95	70.00	94	50.00	92	30.00	91	20.00	90	0.	89	0.
75	0	100.00	93	60.00	92	30.00	90	10.00	89	0.	88	0.
78	0	100.00	92	40.00	90	10.00	89	0.	88	0.	87	0.
81	0	100.00	90	10.00	89	0.	88	0.	87	0.	86	0.
84	90	20.00	88	0.	87	0.	87	0.	86	0.	85	0.
87	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
90	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
93	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
96	91	30.00	89	0.	88	0.	87	0.	86	0.	85	0.
99	92	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
102	92	20.00	91	0.	90	0.	89	0.	88	0.	87	0.

TABLE 24 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
105	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
108	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
111	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
114	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
117	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
120	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
123	91	0.	91	0.	90	0.	89	0.	88	0.	87	0.
126	91	0.	91	0.	90	0.	89	0.	88	0.	87	0.
129	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
132	91	0.	91	0.	90	0.	89	0.	88	0.	87	0.
135	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
138	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
141	91	0.	91	0.	90	0.	89	0.	88	0.	87	0.
144	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
147	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
150	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
153	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
156	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
159	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
162	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
165	91	0.	91	0.	90	0.	89	0.	88	0.	87	0.
168	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
171	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
174	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
177	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
180	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
183	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
186	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
189	93	0.	92	0.	91	0.	90	0.	90	0.	89	0.
192	94	0.	93	0.	92	0.	91	0.	90	0.	89	0.
195	94	0.	93	0.	92	0.	91	0.	90	0.	89	0.
198	94	0.	93	0.	92	0.	91	0.	90	0.	90	0.
201	95	0.	94	0.	93	0.	92	0.	91	0.	90	0.
204	95	0.	94	0.	93	0.	92	0.	91	0.	90	0.

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
207	95	0.	94	0.	93	0.	92	0.	91	0.	90	0.
210	95	0.	95	0.	94	0.	93	0.	92	0.	91	0.
213	96	0.	95	0.	94	0.	93	0.	92	0.	91	0.
216	96	0.	95	0.	94	0.	93	0.	92	0.	91	0.
219	96	0.	95	0.	94	0.	93	0.	92	0.	91	0.
222	96	10.00	95	0.	94	0.	93	0.	92	0.	91	0.
225	96	10.00	95	0.	94	0.	94	0.	93	0.	92	0.
228	96	10.00	96	10.00	95	0.	94	0.	93	0.	92	0.
231	97	10.00	96	10.00	95	0.	94	0.	93	0.	92	0.
234	97	10.00	96	10.00	95	10.00	94	0.	93	0.	92	0.
237	96	10.00	96	10.00	95	10.00	94	0.	93	0.	92	0.
240	96	20.00	95	10.00	94	10.00	93	0.	92	0.	91	0.
243	96	20.00	95	10.00	94	10.00	93	0.	92	0.	91	0.
246	96	20.00	95	10.00	94	10.00	93	0.	92	0.	91	0.
249	96	30.00	95	20.00	94	10.00	93	0.	92	0.	91	0.
252	96	40.00	95	20.00	93	10.00	93	10.00	92	0.	91	0.
255	97	70.00	95	30.00	93	20.00	92	0.	91	0.	90	0.
258	96	90.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
261	94	80.00	91	10.00	90	0.	89	0.	89	0.	88	0.
264	92	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
267	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
270	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
273	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
276	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
279	0	100.00	91	20.00	90	0.	89	0.	88	0.	87	0.
282	0	100.00	93	50.00	91	20.00	90	0.	89	0.	88	0.
285	0	100.00	95	60.00	93	40.00	92	20.00	90	0.	89	0.
288	96	70.00	95	50.00	93	30.00	92	10.00	91	0.	90	0.
291	95	50.00	94	40.00	93	20.00	91	10.00	91	0.	90	0.
294	95	40.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
297	94	30.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
300	94	20.00	92	10.00	91	10.00	90	0.	89	0.	89	0.
303	93	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
306	93	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.

TABLE 24 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
309	92	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
312	92	10.00	91	0.	90	0.	89	0.	88	0.	88	0.
315	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
318	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
321	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
324	91	0.	91	0.	90	0.	89	0.	88	0.	87	0.
327	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
330	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
333	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
336	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
339	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
342	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
345	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
348	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
351	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
354	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
357	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
360	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
AVERAGE SHIELDING		16.58		7.75		3.75		1.33		0.25		0.
AVERAGE TARGET CONTACT ANGLE		93		92		91		90		89		88

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 24

SHIELDING OF TARGET AT POSITION D
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
5	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
7	93	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
10	92	10.00	92	0.	91	0.	90	0.	89	0.	88	0.
12	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
15	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
18	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
20	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
23	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
25	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
28	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
30	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
33	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
36	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
38	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
41	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
43	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
46	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
48	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
51	92	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
54	93	20.00	92	10.00	91	10.00	90	0.	89	0.	89	0.
56	93	20.00	92	10.00	91	10.00	90	0.	90	0.	89	0.
59	93	20.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
61	94	30.00	93	20.00	92	10.00	91	10.00	90	0.	89	0.
64	94	30.00	93	20.00	92	20.00	91	10.00	90	0.	89	0.
66	94	40.00	93	30.00	92	20.00	92	20.00	90	10.00	90	0.
69	95	50.00	94	40.00	93	30.00	91	20.00	90	10.00	90	0.
72	95	60.00	93	40.00	92	30.00	91	20.00	90	10.00	89	0.
74	95	60.00	93	50.00	92	30.00	91	20.00	90	0.	89	0.
77	0	100.00	93	60.00	91	30.00	90	10.00	89	0.	88	0.
79	0	100.00	92	50.00	90	20.00	89	0.	88	0.	87	0.
82	0	100.00	90	10.00	89	0.	88	0.	87	0.	86	0.
84	90	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
87	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.

TABLE 24 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
90	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
92	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
95	90	20.00	89	0.	88	0.	87	0.	86	0.	86	0.
97	91	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
100	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
102	91	10.00	90	0.	89	0.	88	0.	87	0.	87	0.
105	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
108	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
110	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
113	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
115	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
118	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
120	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
123	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
126	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
128	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
131	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
133	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
136	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
138	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
141	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
144	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
146	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
149	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
151	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
154	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
156	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
159	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
162	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
164	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
167	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
169	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
172	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
174	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
177	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
180	91	0.	91	0.	90	0.	89	0.	88	0.	87	0.
182	92	0.	91	0.	90	0.	89	0.	88	0.	88	0.
185	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
187	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
190	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
192	93	0.	92	0.	91	0.	90	0.	89	0.	89	0.
195	93	0.	92	0.	91	0.	91	0.	90	0.	89	0.
198	93	0.	92	0.	92	0.	91	0.	90	0.	89	0.
200	94	0.	93	0.	92	0.	91	0.	90	0.	89	0.
203	94	0.	93	0.	92	0.	91	0.	91	0.	90	0.
205	94	0.	93	0.	92	0.	92	0.	91	0.	90	0.
208	94	0.	94	0.	93	0.	92	0.	91	0.	90	0.
210	95	0.	94	0.	93	0.	92	0.	91	0.	91	0.
213	95	0.	94	0.	93	0.	92	0.	92	0.	91	0.
216	95	0.	94	0.	93	0.	93	0.	92	0.	91	0.
218	95	0.	94	0.	94	0.	93	0.	92	0.	91	0.
221	95	0.	95	0.	94	0.	93	0.	92	0.	91	0.
223	96	10.00	95	0.	94	0.	93	0.	92	0.	91	0.
226	96	10.00	95	0.	94	0.	93	0.	92	0.	92	0.
228	96	10.00	95	0.	94	0.	93	0.	92	0.	92	0.
231	96	10.00	95	10.00	94	0.	93	0.	92	0.	92	0.
234	96	10.00	95	10.00	94	0.	93	0.	92	0.	92	0.
236	96	10.00	95	10.00	94	0.	93	0.	92	0.	92	0.
239	96	10.00	95	10.00	94	0.	93	0.	92	0.	91	0.
241	95	10.00	95	10.00	94	10.00	93	0.	92	0.	91	0.
244	95	10.00	94	10.00	93	0.	93	0.	92	0.	91	0.
246	95	20.00	94	10.00	93	10.00	92	0.	92	0.	91	0.
249	95	20.00	94	10.00	93	10.00	92	0.	91	0.	91	0.
252	95	20.00	94	20.00	93	10.00	92	0.	91	0.	90	0.
254	95	30.00	94	20.00	93	10.00	92	0.	91	0.	90	0.
257	95	40.00	93	20.00	92	10.00	91	0.	91	0.	90	0.
259	95	70.00	92	20.00	91	10.00	91	0.	90	0.	89	0.
262	93	60.00	91	10.00	90	0.	90	0.	89	0.	88	0.

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TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
264	91	30.00	90	0.	89	0.	88	0.	88	0.	87	0.
267	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
270	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
272	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
275	91	30.00	90	0.	89	0.	88	0.	87	0.	87	0.
277	0	100.00	91	20.00	90	0.	89	0.	88	0.	88	0.
280	0	100.00	93	50.00	91	20.00	90	0.	89	0.	89	0.
282	95	80.00	94	50.00	92	30.00	91	10.00	90	0.	89	0.
285	95	60.00	93	40.00	92	30.00	91	10.00	90	0.	89	0.
288	94	40.00	93	30.00	92	10.00	91	0.	90	0.	89	0.
290	94	30.00	92	20.00	91	10.00	91	0.	90	0.	89	0.
293	93	20.00	92	10.00	91	10.00	90	0.	90	0.	89	0.
295	93	20.00	92	10.00	91	0.	90	0.	89	0.	89	0.
298	93	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
300	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
303	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
306	92	0.	91	0.	90	0.	89	0.	88	0.	88	0.
308	91	0.	91	0.	90	0.	89	0.	88	0.	87	0.
311	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
313	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
316	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
318	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
321	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
324	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
326	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
329	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
331	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
334	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
336	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
339	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
342	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
344	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
347	91	0.	91	0.	90	0.	89	0.	88	0.	87	0.
349	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.

TABLE 24 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
352	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
354	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
357	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
360	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
AVERAGE SHIELDING		12.36		5.57		2.86		0.93		0.21		0.
AVERAGE TARGET CONTACT ANGLE		92		91		90		90		89		88

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT.
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

24

TABLE 3

SHIELDING OF TARGET AT POSITION D

RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	91	0.	91	0.	90	0.	89	0.	89	0.	88	0.
4	91	0.	91	0.	90	0.	89	0.	89	0.	88	0.
6	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
9	91	0.	91	0.	90	0.	89	0.	89	0.	88	0.
11	91	0.	91	0.	90	0.	89	0.	88	0.	88	0.
13	91	0.	90	0.	90	0.	89	0.	88	0.	88	0.
15	91	0.	90	0.	90	0.	89	0.	88	0.	88	0.
18	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
20	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
22	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
24	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
27	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
29	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
31	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
33	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
36	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
38	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
40	91	0.	91	0.	90	0.	89	0.	88	0.	88	0.
42	91	10.00	91	0.	90	0.	89	0.	89	0.	89	0.
45	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
47	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
49	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
51	92	10.00	91	10.00	91	0.	90	0.	89	0.	89	0.
54	92	10.00	91	10.00	91	0.	90	0.	89	0.	89	0.
56	92	10.00	92	10.00	91	0.	90	0.	89	0.	89	0.
58	93	20.00	92	10.00	91	10.00	90	0.	90	0.	89	0.
60	93	20.00	92	10.00	91	10.00	90	0.	90	0.	89	0.
63	93	20.00	92	20.00	91	10.00	90	0.	90	0.	89	0.
65	93	30.00	92	20.00	91	10.00	91	10.00	90	0.	89	0.
67	93	30.00	92	20.00	92	20.00	91	10.00	90	0.	89	0.
69	94	40.00	93	30.00	92	20.00	91	10.00	90	10.00	90	0.
72	94	50.00	93	40.00	92	30.00	91	20.00	90	10.00	90	0.
74	94	60.00	93	40.00	92	30.00	91	20.00	90	10.00	89	0.
76	94	80.00	93	50.00	91	30.00	91	20.00	90	0.	89	0.

TABLE 24 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
78	0	100.00	92	60.00	91	30.00	90	10.00	89	0.	88	0.
81	0	100.00	91	50.00	90	20.00	89	0.	88	0.	88	0.
83	0	100.00	90	20.00	89	0.	88	0.	87	0.	87	0.
85	90	40.00	89	0.	88	0.	87	0.	87	0.	86	0.
87	89	10.00	88	0.	88	0.	87	0.	86	0.	86	0.
90	89	10.00	88	0.	88	0.	87	0.	86	0.	86	0.
92	89	0.	89	0.	88	0.	87	0.	86	0.	86	0.
94	90	20.00	89	0.	88	0.	88	0.	87	0.	86	0.
96	92	90.00	90	0.	89	0.	88	0.	88	0.	87	0.
99	92	70.00	90	0.	89	0.	89	0.	88	0.	87	0.
101	92	70.00	90	0.	89	0.	89	0.	88	0.	87	0.
103	92	80.00	90	0.	89	0.	89	0.	88	0.	87	0.
105	92	80.00	90	0.	89	0.	88	0.	88	0.	87	0.
108	0	100.00	90	0.	89	0.	88	0.	88	0.	87	0.
110	92	80.00	89	0.	89	0.	88	0.	87	0.	87	0.
112	91	80.00	89	0.	89	0.	88	0.	87	0.	86	0.
114	91	60.00	89	0.	88	0.	88	0.	87	0.	86	0.
117	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
119	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
121	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
123	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
126	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
128	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
130	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
132	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
135	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
137	89	0.	89	0.	88	0.	87	0.	86	0.	86	0.
139	89	0.	89	0.	88	0.	87	0.	86	0.	86	0.
141	89	0.	89	0.	88	0.	87	0.	86	0.	86	0.
144	89	0.	89	0.	88	0.	87	0.	86	0.	86	0.
146	89	0.	89	0.	88	0.	87	0.	86	0.	86	0.
148	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
150	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
153	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.

TABLE 24 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
155	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
157	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
159	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
162	89	0.	89	0.	88	0.	87	0.	86	0.	86	0.
164	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
166	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
168	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
171	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
173	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
175	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
177	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
180	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
182	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
184	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
186	91	0.	91	0.	90	0.	89	0.	88	0.	88	0.
189	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
191	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
193	92	0.	91	0.	91	0.	90	0.	89	0.	89	0.
195	92	0.	92	0.	91	0.	90	0.	90	0.	89	0.
198	93	0.	92	0.	91	0.	91	0.	90	0.	89	0.
200	93	0.	92	0.	92	0.	91	0.	90	0.	90	0.
202	93	0.	93	0.	92	0.	91	0.	91	0.	90	0.
204	94	0.	93	0.	92	0.	91	0.	91	0.	90	0.
207	94	0.	93	0.	92	0.	92	0.	91	0.	90	0.
209	94	0.	93	0.	93	0.	92	0.	91	0.	90	0.
211	94	0.	94	0.	93	0.	92	0.	91	0.	91	0.
213	94	0.	94	0.	93	0.	92	0.	92	0.	91	0.
216	95	0.	94	0.	93	0.	92	0.	92	0.	91	0.
218	95	0.	94	0.	93	0.	93	0.	92	0.	91	0.
220	95	0.	94	0.	93	0.	93	0.	92	0.	91	0.
222	95	0.	94	0.	94	0.	93	0.	92	0.	91	0.
225	95	0.	94	0.	94	0.	93	0.	92	0.	91	0.
227	95	0.	94	0.	94	0.	93	0.	92	0.	92	0.
229	95	10.00	94	0.	94	0.	93	0.	92	0.	92	0.

TABLE 24 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
231	95	10.00	94	0.	94	0.	93	0.	92	0.	92	0.
234	95	10.00	94	0.	94	0.	93	0.	92	0.	92	0.
236	95	10.00	94	0.	94	0.	93	0.	92	0.	91	0.
238	95	10.00	94	0.	93	0.	93	0.	92	0.	91	0.
240	95	10.00	94	10.00	93	0.	93	0.	92	0.	91	0.
243	95	10.00	94	10.00	93	0.	92	0.	92	0.	91	0.
245	94	10.00	94	10.00	93	0.	92	0.	92	0.	91	0.
247	94	10.00	94	10.00	93	0.	92	0.	91	0.	91	0.
249	94	10.00	93	10.00	93	0.	92	0.	91	0.	90	0.
252	94	20.00	93	10.00	92	0.	92	0.	91	0.	90	0.
254	94	20.00	93	10.00	92	10.00	92	0.	91	0.	90	0.
256	94	30.00	93	20.00	92	10.00	91	0.	91	0.	90	0.
258	94	40.00	93	20.00	92	10.00	91	0.	90	0.	90	0.
261	93	50.00	92	20.00	91	0.	90	0.	90	0.	89	0.
263	93	60.00	91	10.00	90	0.	90	0.	89	0.	88	0.
265	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
267	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
270	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
272	90	10.00	89	0.	89	0.	88	0.	87	0.	87	0.
274	91	40.00	90	0.	89	0.	88	0.	88	0.	87	0.
276	0	100.00	91	30.00	90	0.	89	0.	89	0.	88	0.
279	94	80.00	92	40.00	91	10.00	90	0.	89	0.	89	0.
281	94	60.00	93	40.00	91	20.00	91	0.	90	0.	89	0.
283	94	50.00	92	30.00	91	20.00	91	0.	90	0.	89	0.
285	93	40.00	92	20.00	91	10.00	90	0.	90	0.	89	0.
288	93	30.00	92	20.00	91	10.00	90	0.	90	0.	89	0.
290	93	20.00	92	10.00	91	0.	90	0.	89	0.	89	0.
292	92	20.00	92	10.00	91	0.	90	0.	89	0.	89	0.
294	92	20.00	91	10.00	91	0.	90	0.	89	0.	89	0.
297	92	10.00	91	10.00	91	0.	90	0.	89	0.	88	0.
299	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
301	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
303	91	0.	91	0.	90	0.	89	0.	88	0.	88	0.
306	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.

TABLE 24 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
308	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
310	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
312	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
315	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
317	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
319	89	0.	89	0.	88	0.	87	0.	86	0.	86	0.
321	89	0.	89	0.	88	0.	87	0.	86	0.	86	0.
324	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
326	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
328	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
330	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
333	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
335	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
337	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
339	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
342	90	0.	90	0.	89	0.	88	0.	88	0.	87	0.
344	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
346	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
348	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
351	91	0.	90	0.	90	0.	89	0.	88	0.	88	0.
353	91	0.	91	0.	90	0.	89	0.	88	0.	88	0.
355	91	0.	91	0.	90	0.	89	0.	88	0.	88	0.
357	91	0.	91	0.	90	0.	89	0.	88	0.	88	0.
360	91	0.	91	0.	90	0.	89	0.	89	0.	88	0.
AVERAGE SHIELDING		14.62		4.75		2.00		0.62		0.19		0.
AVERAGE TARGET CONTACT ANGLE		92		91		90		89		89		88

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 3

SHIELDING OF TARGET AT POSITION E
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
9	0	100.00	106	80.00	102	60.00	97	30.00	92	10.00	90	0.
18	0	100.00	106	80.00	101	50.00	96	30.00	92	10.00	89	0.
27	0	100.00	105	80.00	99	40.00	94	20.00	90	0.	87	0.
36	0	100.00	103	80.00	97	40.00	91	10.00	89	0.	86	0.
45	0	100.00	99	60.00	92	20.00	89	0.	86	0.	83	0.
54	0	100.00	92	20.00	88	0.	85	0.	83	0.	80	0.
63	98	90.00	88	0.	85	0.	82	0.	79	0.	77	0.
72	89	0.	87	0.	84	0.	81	0.	78	0.	75	0.
81	90	0.	87	0.	84	0.	81	0.	78	0.	76	0.
90	90	0.	87	0.	85	0.	82	0.	79	0.	76	0.
99	93	30.00	88	0.	86	0.	83	0.	80	0.	77	0.
108	99	60.00	92	0.	89	0.	86	0.	83	0.	81	0.
117	100	30.00	95	0.	93	0.	90	0.	87	0.	84	0.
126	102	20.00	98	10.00	95	0.	93	0.	90	0.	87	0.
135	103	20.00	100	0.	97	0.	94	0.	91	0.	88	0.
144	103	10.00	100	0.	98	0.	95	0.	92	0.	89	0.
153	104	10.00	101	0.	98	0.	95	0.	93	0.	90	0.
162	104	10.00	102	0.	99	0.	96	0.	93	0.	90	0.
171	105	10.00	102	0.	99	0.	97	0.	94	0.	91	0.
180	105	10.00	103	0.	100	0.	97	0.	94	0.	91	0.
189	106	10.00	103	0.	100	0.	97	0.	94	0.	92	0.
198	106	10.00	103	10.00	100	0.	98	0.	95	0.	92	0.
207	106	10.00	103	10.00	100	0.	98	0.	95	0.	92	0.
216	107	20.00	103	10.00	100	0.	98	0.	95	0.	92	0.
225	107	30.00	102	10.00	100	0.	97	0.	94	0.	91	0.
234	106	50.00	100	10.00	97	0.	95	0.	92	0.	89	0.
243	103	50.00	97	10.00	94	0.	91	0.	89	0.	86	0.
252	101	70.00	94	0.	91	0.	88	0.	85	0.	82	0.
261	94	30.00	90	0.	87	0.	84	0.	81	0.	78	0.
270	91	0.	88	0.	85	0.	82	0.	79	0.	77	0.
279	91	0.	88	0.	85	0.	82	0.	79	0.	77	0.
288	91	0.	88	0.	85	0.	82	0.	79	0.	76	0.
297	0	100.00	89	0.	86	0.	83	0.	80	0.	78	0.
306	0	100.00	93	20.00	89	0.	86	0.	83	0.	81	0.

TABLE 25

SHIELDING OF TARGET AT POSITION E
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
18	102	60.00	88	0.	82	0.	77	0.	71	0.	66	0.
36	91	10.00	85	0.	80	0.	74	0.	69	0.	64	0.
54	90	0.	84	0.	79	0.	73	0.	68	0.	63	0.
72	90	0.	85	0.	79	0.	74	0.	68	0.	64	0.
90	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
108	95	20.00	88	0.	82	0.	77	0.	71	0.	66	0.
126	103	30.00	94	0.	88	0.	83	0.	77	0.	72	0.
144	108	30.00	100	0.	94	0.	88	0.	83	0.	77	0.
162	111	30.00	103	10.00	98	0.	92	0.	86	0.	81	0.
180	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
198	112	30.00	104	10.00	98	0.	93	0.	87	0.	81	0.
216	109	30.00	101	0.	95	0.	89	0.	84	0.	78	0.
234	106	40.00	96	0.	90	0.	84	0.	79	0.	73	0.
252	97	20.00	89	0.	84	0.	78	0.	73	0.	67	0.
270	92	0.	86	0.	80	0.	75	0.	70	0.	65	0.
288	91	0.	86	0.	80	0.	74	0.	69	0.	64	0.
306	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
324	92	10.00	86	0.	80	0.	75	0.	69	0.	65	0.
342	102	60.00	88	0.	83	0.	77	0.	72	0.	67	0.
360	106	80.00	89	0.	83	0.	78	0.	72	0.	67	0.
AVERAGE SHIELDING		22.50		1.00		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		99		90		85		79		74		69

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 25

SHIELDING OF TARGET AT POSITION E

RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
6	103	60.00	100	50.00	98	40.00	95	20.00	93	10.00	91	0.
12	103	60.00	100	50.00	98	40.00	95	20.00	93	10.00	91	0.
18	103	60.00	100	50.00	98	40.00	95	20.00	93	10.00	91	0.
24	103	70.00	100	50.00	98	40.00	96	30.00	93	10.00	91	0.
30	104	80.00	101	60.00	98	40.00	95	30.00	92	10.00	91	0.
36	104	80.00	101	70.00	98	50.00	95	30.00	93	20.00	90	0.
42	104	90.00	101	70.00	98	50.00	95	30.00	92	10.00	90	0.
48	0	100.00	101	80.00	97	50.00	94	30.00	91	10.00	89	0.
54	0	100.00	99	80.00	96	50.00	92	20.00	90	0.	88	0.
60	0	100.00	96	60.00	92	30.00	89	0.	87	0.	85	0.
66	0	100.00	92	30.00	89	0.	87	0.	85	0.	83	0.
72	95	90.00	88	0.	86	0.	85	0.	83	0.	81	0.
78	89	10.00	87	0.	86	0.	84	0.	82	0.	80	0.
84	89	0.	87	0.	86	0.	84	0.	82	0.	80	0.
90	89	0.	83	0.	86	0.	84	0.	82	0.	80	0.
96	92	30.00	89	0.	87	0.	85	0.	83	0.	81	0.
102	94	40.00	91	0.	89	0.	87	0.	85	0.	83	0.
108	95	20.00	93	0.	91	0.	89	0.	87	0.	85	0.
114	96	10.00	94	0.	92	0.	90	0.	88	0.	86	0.
120	97	10.00	95	0.	93	0.	91	0.	89	0.	87	0.
126	97	0.	95	0.	94	0.	92	0.	90	0.	88	0.
132	98	0.	96	0.	94	0.	92	0.	90	0.	88	0.
138	98	0.	96	0.	94	0.	92	0.	90	0.	88	0.
144	98	0.	96	0.	94	0.	92	0.	90	0.	88	0.
150	98	0.	96	0.	94	0.	92	0.	90	0.	89	0.
156	98	0.	96	0.	94	0.	92	0.	90	0.	89	0.
162	98	0.	96	0.	94	0.	93	0.	91	0.	89	0.
168	98	0.	97	0.	95	0.	93	0.	91	0.	89	0.
174	99	0.	97	0.	95	0.	93	0.	91	0.	89	0.
180	99	0.	97	0.	95	0.	93	0.	92	0.	90	0.
186	100	0.	98	0.	96	0.	94	0.	92	0.	90	0.
192	100	0.	98	0.	96	0.	94	0.	92	0.	91	0.
198	100	0.	99	0.	97	0.	95	0.	93	0.	91	0.
204	101	0.	99	0.	97	0.	95	0.	93	0.	91	0.

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
315	0	100,00	99	60,00	92	10,00	89	0,	86	0,	83	0,
324	0	100,00	102	70,00	97	40,00	92	10,00	89	0,	86	0,
333	0	100,00	104	70,00	99	40,00	94	20,00	90	0,	88	0,
342	0	100,00	106	80,00	101	50,00	96	30,00	92	10,00	89	0,
351	0	100,00	107	80,00	102	60,00	97	30,00	92	10 00	90	0,
340	0	100,00	107	80,00	103	60,00	98	40,00	94	20,00	90	0,
AVERAGE SHIELDING		49,50		23,25		11,75		5,50		1,50		0,
AVERAGE TARGET CONTACT ANGLE		100		98		94		91		88		85

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 25

SHIELDING OF TARGET AT POSITION E
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARSET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
4	98	40.00	97	30.00	95	20.00	93	10.00	91	10.00	90	0.
9	98	40.00	97	30.00	95	20.00	93	10.00	91	10.00	90	0.
13	98	40.00	97	30.00	95	20.00	93	10.00	91	10.00	90	0.
18	98	40.00	97	30.00	95	20.00	93	10.00	91	10.00	90	0.
22	98	40.00	97	30.00	95	20.00	93	10.00	91	10.00	90	0.
27	98	40.00	97	30.00	95	20.00	93	20.00	92	10.00	90	0.
31	99	50.00	97	30.00	95	30.00	93	20.00	91	10.00	90	0.
36	99	50.00	97	40.00	95	30.00	93	20.00	91	10.00	90	0.
40	99	50.00	97	40.00	95	30.00	93	20.00	92	10.00	90	0.
45	100	70.00	98	50.00	96	40.00	93	20.00	92	10.00	90	0.
49	100	70.00	98	60.00	96	40.00	94	30.00	91	10.00	90	0.
54	100	80.00	97	60.00	95	40.00	93	30.00	91	10.00	90	0.
58	0	100.00	97	70.00	95	50.00	93	30.00	90	10.00	89	0.
63	0	100.00	97	80.00	94	50.00	91	20.00	90	0.	88	0.
67	0	100.00	94	60.00	91	20.00	89	0.	88	0.	86	0.
72	0	100.00	91	20.00	89	0.	87	0.	86	0.	84	0.
76	93	80.00	89	0.	87	0.	86	0.	84	0.	83	0.
81	89	0.	88	0.	86	0.	85	0.	84	0.	82	0.
85	89	0.	88	0.	86	0.	85	0.	84	0.	82	0.
90	89	0.	88	0.	86	0.	85	0.	84	0.	82	0.
94	91	30.00	89	0.	87	0.	86	0.	84	0.	83	0.
99	92	20.00	90	0.	89	0.	87	0.	86	0.	84	0.
103	93	10.00	92	0.	90	0.	89	0.	87	0.	86	0.
108	94	10.00	92	0.	91	0.	89	0.	88	0.	86	0.
112	94	0.	92	0.	91	0.	89	0.	88	0.	87	0.
117	94	0.	92	0.	91	0.	90	0.	88	0.	87	0.
121	94	0.	92	0.	91	0.	90	0.	88	0.	87	0.
126	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
130	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
135	94	0.	93	0.	91	0.	90	0.	88	0.	87	0.
139	94	0.	93	0.	91	0.	90	0.	89	0.	87	0.
144	94	0.	93	0.	92	0.	90	0.	89	0.	87	0.
148	95	0.	93	0.	92	0.	90	0.	89	0.	87	0.
153	95	0.	93	0.	92	0.	90	0.	89	0.	87	0.

TABLE 25 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
210	101	0.	99	0.	97	0.	96	0.	94	0.	92	0.
216	102	0.	100	0.	98	0.	96	0.	94	0.	92	0.
222	102	10.00	100	0.	98	0.	96	0.	94	0.	92	0.
228	102	10.00	100	0.	98	0.	96	0.	94	0.	92	0.
234	101	10.00	100	10.00	98	0.	96	0.	94	0.	92	0.
240	102	30.00	99	10.00	97	10.00	95	0.	93	0.	91	0.
246	100	30.00	97	10.00	95	0.	93	0.	91	0.	89	0.
252	98	30.00	95	10.00	93	0.	91	0.	89	0.	87	0.
258	96	40.00	92	0.	90	0.	88	0.	86	0.	85	0.
264	92	20.00	90	0.	88	0.	86	0.	84	0.	82	0.
270	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
276	90	0.	89	0.	87	0.	85	0.	83	0.	81	0.
282	90	0.	88	0.	87	0.	85	0.	83	0.	81	0.
288	96	90.00	89	0.	87	0.	86	0.	84	0.	82	0.
294	0	100.00	93	30.00	90	0.	88	0.	86	0.	84	0.
300	0	100.00	97	60.00	93	30.00	90	0.	88	0.	86	0.
306	0	100.00	99	70.00	96	40.00	93	20.00	90	0.	88	0.
312	0	100.00	100	60.00	97	40.00	94	20.00	91	0.	89	0.
318	103	80.00	100	60.00	97	40.00	94	20.00	91	10.00	90	0.
324	102	70.00	99	50.00	97	40.00	94	20.00	91	10.00	90	0.
330	102	60.00	99	40.00	96	30.00	94	20.00	92	10.00	90	0.
336	101	50.00	99	40.00	96	30.00	94	20.00	92	0.	90	0.
342	102	50.00	99	40.00	97	30.00	94	20.00	92	10.00	90	0.
348	102	50.00	99	40.00	97	30.00	94	20.00	92	10.00	90	0.
354	103	60.00	100	50.00	97	30.00	95	20.00	92	10.00	90	0.
360	103	60.00	100	50.00	98	30.00	95	20.00	93	10.00	91	0.
AVERAGE SHIELDING		37.67		21.33		13.50		7.17		2.67		0.
AVERAGE TARGET CONTACT ANGLE		98		96		94		92		90		88

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 25 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
310	99	60.00	96	40.00	95	30.00	93	20.00	91	0.	89	0.
315	98	50.00	96	30.00	94	20.00	92	10.00	91	0.	89	0.
319	97	40.00	96	30.00	94	20.00	92	10.00	90	0.	89	0.
324	97	40.00	95	30.00	93	20.00	92	10.00	90	0.	89	0.
328	96	30.00	95	20.00	93	10.00	91	0.	90	0.	88	0.
333	96	30.00	95	20.00	93	10.00	91	0.	90	0.	88	0.
337	97	30.00	95	20.00	93	10.00	91	0.	90	0.	89	0.
342	97	30.00	95	20.00	93	10.00	92	10.00	90	0.	89	0.
346	97	30.00	95	20.00	93	10.00	92	10.00	91	0.	89	0.
351	97	30.00	96	20.00	94	20.00	92	10.00	91	0.	89	0.
355	98	40.00	96	30.00	94	20.00	93	10.00	91	0.	90	0.
360	98	40.00	97	30.00	95	20.00	93	10.00	92	10.00	90	0.
AVERAGE SHIELDING		28.62		16.50		10.00		5.25		2.00		0.
AVERAGE TARGET CONTACT ANGLE		96		94		93		91		89		88

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 25 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
157	95	0.	93	0.	92	0.	90	0.	89	0.	88	0.
162	95	0.	93	0.	92	0.	90	0.	89	0.	88	0.
166	95	0.	93	0.	92	0.	91	0.	89	0.	88	0.
171	95	0.	94	0.	92	0.	91	0.	89	0.	88	0.
175	95	0.	94	0.	92	0.	91	0.	89	0.	88	0.
180	95	0.	94	0.	92	0.	91	0.	90	0.	88	0.
184	96	0.	94	0.	93	0.	91	0.	90	0.	89	0.
189	96	0.	95	0.	93	0.	92	0.	90	0.	89	0.
193	97	0.	95	0.	94	0.	92	0.	91	0.	89	0.
198	97	0.	96	0.	94	0.	93	0.	91	0.	90	0.
202	97	0.	96	0.	95	0.	93	0.	92	0.	90	0.
207	98	0.	96	0.	95	0.	94	0.	92	0.	91	0.
211	98	0.	97	0.	95	0.	94	0.	93	0.	91	0.
216	99	0.	97	0.	96	0.	94	0.	93	0.	91	0.
220	99	0.	97	0.	96	0.	95	0.	93	0.	92	0.
225	99	0.	98	0.	96	0.	95	0.	93	0.	92	0.
229	99	0.	98	0.	96	0.	95	0.	93	0.	92	0.
234	99	10.00	97	0.	96	0.	95	0.	93	0.	92	0.
238	99	10.00	97	0.	96	0.	94	0.	93	0.	92	0.
243	98	10.00	97	10.00	96	0.	94	0.	93	0.	91	0.
247	98	20.00	96	10.00	95	0.	94	0.	92	0.	91	0.
252	97	20.00	95	10.00	94	0.	92	0.	91	0.	89	0.
256	96	30.00	93	10.00	92	0.	90	0.	89	0.	88	0.
261	93	20.00	91	0.	90	0.	88	0.	87	0.	86	0.
265	92	20.00	90	0.	88	0.	87	0.	85	0.	84	0.
270	90	0.	89	0.	88	0.	86	0.	85	0.	83	0.
274	90	0.	89	0.	87	0.	86	0.	85	0.	83	0.
279	90	0.	89	0.	87	0.	86	0.	85	0.	83	0.
283	94	80.00	90	0.	88	0.	87	0.	85	0.	84	0.
288	0	100.00	91	20.00	90	0.	88	0.	87	0.	85	0.
292	0	100.00	96	70.00	92	20.00	90	0.	89	0.	87	0.
297	0	100.00	97	70.00	94	40.00	92	20.00	90	0.	89	0.
301	100	90.00	98	70.00	96	50.00	93	20.00	91	10.00	90	0.
306	99	70.00	97	50.00	95	40.00	93	20.00	91	10.00	90	0.

TABLE 25 (CON,)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
126	92	0.	91	0.	90	0.	89	0.	87	0.	86	0.
129	92	0.	91	0.	90	0.	89	0.	87	0.	86	0.
133	92	0.	91	0.	90	0.	89	0.	88	0.	86	0.
136	92	0.	91	0.	90	0.	89	0.	88	0.	86	0.
140	92	0.	91	0.	90	0.	89	0.	88	0.	86	0.
144	92	0.	91	0.	90	0.	89	0.	88	0.	86	0.
147	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
151	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
154	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
158	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
162	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
165	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
169	93	0.	91	0.	90	0.	89	0.	88	0.	87	0.
172	93	0.	92	0.	90	0.	89	0.	88	0.	87	0.
176	93	0.	92	0.	91	0.	89	0.	88	0.	87	0.
180	93	0.	92	0.	91	0.	90	0.	88	0.	87	0.
183	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
187	94	0.	93	0.	91	0.	90	0.	89	0.	88	0.
190	94	0.	93	0.	92	0.	91	0.	89	0.	88	0.
194	94	0.	93	0.	92	0.	91	0.	90	0.	89	0.
198	95	0.	94	0.	93	0.	91	0.	90	0.	89	0.
201	95	0.	94	0.	93	0.	92	0.	91	0.	90	0.
205	96	0.	94	0.	93	0.	92	0.	91	0.	90	0.
208	96	0.	95	0.	94	0.	93	0.	91	0.	90	0.
212	96	0.	95	0.	94	0.	93	0.	92	0.	91	0.
216	97	0.	95	0.	94	0.	93	0.	92	0.	91	0.
219	97	0.	96	0.	95	0.	93	0.	92	0.	91	0.
223	97	0.	96	0.	95	0.	94	0.	92	0.	91	0.
226	97	0.	96	0.	95	0.	94	0.	93	0.	91	0.
230	97	0.	96	0.	95	0.	94	0.	93	0.	92	0.
234	97	0.	96	0.	95	0.	94	0.	93	0.	92	0.
237	97	0.	96	0.	95	0.	94	0.	93	0.	92	0.
241	97	10.00	96	0.	95	0.	94	0.	93	0.	92	0.
244	97	10.00	96	0.	95	0.	94	0.	92	0.	91	0.

TABLE X

SHIELDING OF TARGET AT POSITION E
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	96	20.00	94	20.00	93	10.00	92	10.00	91	0.	89	0.
7	95	20.00	94	20.00	93	10.00	92	10.00	90	0.	89	0.
10	95	20.00	94	20.00	93	10.00	92	10.00	90	0.	89	0.
14	95	20.00	94	20.00	93	10.00	91	10.00	90	0.	89	0.
18	95	20.00	94	20.00	93	10.00	91	10.00	90	0.	89	0.
21	95	20.00	94	20.00	93	10.00	91	10.00	90	0.	89	0.
25	95	30.00	94	20.00	92	10.00	91	10.00	90	0.	89	0.
28	95	30.00	94	20.00	92	10.00	91	10.00	90	0.	89	0.
32	95	30.00	94	20.00	92	10.00	91	10.00	90	0.	89	0.
36	96	30.00	94	20.00	93	20.00	91	10.00	90	0.	89	0.
39	96	40.00	95	30.00	93	20.00	92	10.00	90	0.	89	0.
43	96	40.00	95	30.00	93	20.00	92	10.00	91	10.00	89	0.
46	96	40.00	95	30.00	93	20.00	92	10.00	91	10.00	90	0.
50	97	50.00	95	40.00	94	30.00	92	20.00	91	10.00	90	0.
54	97	60.00	96	50.00	94	30.00	92	20.00	91	10.00	90	0.
57	97	70.00	96	50.00	94	40.00	92	20.00	91	10.00	90	0.
61	98	80.00	96	60.00	94	40.00	92	30.00	91	10.00	89	0.
64	0	100.00	96	70.00	94	50.00	92	30.00	90	10.00	89	0.
68	0	100.00	95	80.00	93	50.00	91	20.00	89	0.	88	0.
72	0	100.00	94	70.00	91	30.00	89	0.	88	0.	87	0.
75	0	100.00	91	40.00	89	0.	88	0.	87	0.	86	0.
79	92	80.00	89	0.	88	0.	86	0.	85	0.	84	0.
82	89	0.	88	0.	87	0.	86	0.	85	0.	83	0.
86	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
90	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
93	90	20.00	89	0.	88	0.	86	0.	85	0.	84	0.
97	91	10.00	90	0.	89	0.	87	0.	86	0.	85	0.
100	92	10.00	91	0.	89	0.	88	0.	87	0.	86	0.
104	92	0.	91	0.	90	0.	89	0.	88	0.	86	0.
108	92	0.	91	0.	90	0.	89	0.	87	0.	86	0.
111	92	0.	91	0.	90	0.	89	0.	87	0.	86	0.
115	92	0.	91	0.	90	0.	88	0.	87	0.	86	0.
118	92	0.	91	0.	90	0.	88	0.	87	0.	86	0.
122	92	0.	91	0.	90	0.	88	0.	87	0.	86	0.

TABLE 25

SHIELDING OF TARGET AT POSITION E
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	94	20.00	93	10.00	92	10.00	91	0.	90	0.	89	0.
6	94	20.00	93	10.00	92	10.00	91	0.	90	0.	89	0.
9	94	20.00	93	10.00	92	10.00	91	0.	90	0.	89	0.
12	93	10.00	92	10.00	91	10.00	91	0.	90	0.	89	0.
15	93	10.00	92	10.00	91	10.00	90	0.	89	0.	88	0.
18	93	10.00	92	10.00	91	10.00	90	0.	89	0.	88	0.
21	93	10.00	92	10.00	91	10.00	90	0.	89	0.	88	0.
24	93	10.00	92	10.00	91	10.00	90	0.	89	0.	88	0.
27	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
30	93	20.00	92	10.00	91	10.00	90	0.	89	0.	88	0.
33	93	20.00	92	10.00	91	10.00	90	0.	89	0.	88	0.
36	93	20.00	92	10.00	91	10.00	90	0.	89	0.	88	0.
39	93	20.00	92	10.00	91	10.00	90	0.	89	0.	88	0.
42	93	20.00	92	10.00	91	10.00	90	0.	89	0.	88	0.
45	94	20.00	93	20.00	91	10.00	90	0.	89	0.	88	0.
48	94	30.00	93	20.00	92	10.00	91	10.00	90	0.	89	0.
51	95	40.00	93	30.00	92	20.00	91	10.00	90	0.	89	0.
54	95	40.00	94	30.00	92	20.00	91	10.00	90	10.00	89	0.
57	95	50.00	94	40.00	93	30.00	92	20.00	90	10.00	89	0.
60	96	60.00	95	50.00	93	40.00	92	20.00	91	10.00	90	0.
63	96	70.00	95	60.00	93	40.00	92	30.00	91	20.00	90	0.
66	96	80.00	95	60.00	93	50.00	92	30.00	90	10.00	89	0.
69	0	100.00	95	70.00	93	50.00	92	30.00	90	10.00	89	0.
72	0	100.00	94	70.00	92	50.00	91	20.00	89	0.	88	0.
75	0	100.00	94	80.00	91	40.00	90	10.00	89	0.	88	0.
78	0	100.00	91	50.00	89	0.	88	0.	87	0.	86	0.
81	92	90.00	89	0.	88	0.	87	0.	86	0.	85	0.
84	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
87	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
90	89	0.	88	0.	87	0.	86	0.	85	0.	84	0.
93	90	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
96	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
99	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
102	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.

TABLE 25 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
248	97	10.00	96	10.00	94	0.	93	0.	92	0.	91	0.
252	97	20.00	95	10.00	94	0.	93	0.	92	0.	91	0.
255	96	40.00	94	10.00	93	0.	92	0.	91	0.	90	0.
259	96	60.00	93	10.00	92	0.	90	0.	89	0.	88	0.
262	93	30.00	91	0.	90	0.	89	0.	88	0.	86	0.
266	91	10.00	90	0.	89	0.	87	0.	86	0.	85	0.
270	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
273	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
277	90	10.00	89	0.	88	0.	87	0.	86	0.	85	0.
280	94	90.00	90	0.	89	0.	87	0.	86	0.	85	0.
284	0	100.00	92	40.00	90	0.	89	0.	88	0.	86	0.
288	0	100.00	95	70.00	92	30.00	90	0.	89	0.	88	0.
291	0	100.00	96	70.00	94	40.00	92	20.00	90	0.	89	0.
295	98	90.00	96	70.00	95	50.00	93	30.00	91	10.00	90	0.
298	98	70.00	96	50.00	94	40.00	92	20.00	91	10.00	90	0.
302	97	60.00	95	40.00	94	30.00	92	10.00	91	0.	89	0.
306	97	50.00	95	30.00	93	20.00	92	10.00	91	0.	89	0.
309	96	40.00	95	30.00	93	20.00	92	10.00	91	0.	89	0.
313	96	30.00	94	20.00	93	20.00	92	10.00	90	0.	89	0.
316	95	30.00	94	20.00	92	10.00	91	0.	90	0.	89	0.
320	95	30.00	94	20.00	92	10.00	91	0.	90	0.	89	0.
324	94	20.00	93	10.00	92	10.00	91	0.	89	0.	88	0.
327	94	20.00	93	10.00	91	0.	90	0.	89	0.	88	0.
331	94	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
334	93	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
338	94	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
342	94	20.00	93	10.00	91	0.	90	0.	89	0.	88	0.
345	94	20.00	93	10.00	92	10.00	91	0.	89	0.	88	0.
349	95	20.00	93	10.00	92	10.00	91	0.	90	0.	89	0.
352	95	20.00	94	20.00	92	10.00	91	0.	90	0.	89	0.
356	95	20.00	94	20.00	93	10.00	92	10.00	90	0.	89	0.
360	96	20.00	94	20.00	93	10.00	92	10.00	91	0.	90	0.
AVERAGE SHIELDING		23.40		13.90		7.70		4.00		0.90		0.
AVERAGE TARGET CONTACT ANGLE		94		93		92		90		89		88

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
207	94	0.	93	0.	92	0.	91	0.	91	0.	90	0.
210	95	0.	94	0.	93	0.	92	0.	91	0.	90	0.
213	95	0.	94	0.	93	0.	92	0.	91	0.	90	0.
216	95	0.	94	0.	93	0.	92	0.	91	0.	91	0.
219	96	0.	95	0.	94	0.	93	0.	92	0	91	0.
222	96	0.	95	0.	94	0.	93	0.	92	0.	91	0.
225	96	0.	95	0.	94	0.	93	0.	92	0.	91	0.
228	96	0.	95	0.	94	0.	93	0.	92	0.	91	0.
231	96	0.	95	0.	94	0.	93	0.	92	0.	91	0.
234	96	0.	95	0.	94	0.	93	0.	93	0.	92	0.
237	96	0.	95	0.	94	0.	94	0.	93	0.	92	0.
240	96	0.	95	0.	94	0.	93	0.	92	0.	92	0.
243	96	0.	95	0.	94	0.	93	0.	92	0.	91	0.
246	96	10.00	95	0.	94	0.	93	0.	92	0.	91	0.
249	96	10.00	95	0.	94	0.	93	0.	92	0.	91	0.
252	96	10.00	95	10.00	94	0.	93	0.	92	0.	91	0.
255	96	20.00	95	10.00	94	0.	93	0.	92	0.	91	0.
258	96	70.00	94	10.00	93	0.	92	0.	91	0.	90	0.
261	94	50.00	92	10.00	91	0.	90	0.	89	0.	88	0.
264	92	20.00	91	0.	90	0.	89	0.	88	0.	87	0.
267	91	10.00	90	0.	89	0.	88	0.	87	0.	86	0.
270	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
273	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
276	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
279	93	90.00	90	0.	89	0.	88	0.	87	0.	86	0.
282	0	100.00	92	50.00	90	0.	89	0.	88	0.	87	0.
285	0	100.00	95	90.00	92	40.00	91	10.00	90	0.	89	0.
288	0	100.00	95	80.00	94	50.00	92	30.00	91	0.	90	0.
291	97	90.00	95	70.00	94	50.00	92	30.00	91	10.00	90	0.
294	96	70.00	95	50.00	93	40.00	92	20.00	91	0.	90	0.
297	95	50.00	94	40.00	92	20.00	91	10.00	90	0.	89	0.
300	95	40.00	93	30.00	92	20.00	91	10.00	90	0.	89	0.
303	94	30.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
306	94	30.00	93	20.00	92	10.00	91	0.	90	0.	89	0.

TABLE 25 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
105	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
108	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
111	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
114	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
117	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
120	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
123	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
126	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
129	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
132	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
135	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
138	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
141	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
144	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
147	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
150	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
153	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
156	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
159	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
162	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
165	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
168	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
171	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
174	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
177	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
180	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
183	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
186	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
189	92	0.	91	0.	90	0.	89	0.	88	0.	88	0.
192	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
195	93	0.	92	0.	91	0.	90	0.	89	0.	88	0.
198	93	0.	92	0.	91	0.	90	0.	90	0.	89	0.
201	94	0.	93	0.	92	0.	91	0.	90	0.	89	0.
204	94	0.	93	0.	92	0.	91	0.	90	0.	89	0.

TABLE 25

SHIELDING OF TARGET AT POSITION E
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	93	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
5	92	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
7	92	10.00	91	10.00	91	0.	90	0.	89	0.	88	0.
10	92	10.00	91	10.00	90	0.	90	0.	89	0.	88	0.
12	92	10.00	91	0.	90	0.	89	0.	89	0.	88	0.
15	92	10.00	91	0.	90	0.	89	0.	89	0.	88	0.
18	92	10.00	91	0.	90	0.	89	0.	89	0.	88	0.
20	92	10.00	91	0.	90	0.	89	0.	88	0.	88	0.
23	92	10.00	91	0.	90	0.	89	0.	88	0.	88	0.
25	92	10.00	91	0.	90	0.	89	0.	88	0.	88	0.
28	92	10.00	91	0.	90	0.	89	0.	88	0.	88	0.
30	92	10.00	91	10.00	90	0.	89	0.	88	0.	88	0.
33	92	10.00	91	10.00	90	0.	89	0.	89	0.	88	0.
36	92	10.00	91	10.00	90	0.	89	0.	89	0.	88	0.
38	92	10.00	91	10.00	90	0.	90	0.	89	0.	88	0.
41	92	10.00	91	10.00	91	10.00	90	0.	89	0.	88	0.
43	93	20.00	92	10.00	91	10.00	90	0.	89	0.	88	0.
46	93	20.00	92	10.00	91	10.00	90	0.	89	0.	88	0.
48	93	20.00	92	20.00	91	10.00	90	0.	89	0.	89	0.
51	93	30.00	92	20.00	91	10.00	90	10.00	90	0.	89	0.
54	93	30.00	92	20.00	91	10.00	91	10.00	90	0.	89	0.
56	94	30.00	93	30.00	92	20.00	91	10.00	90	0.	89	0.
59	94	40.00	93	30.00	92	20.00	91	10.00	90	10.00	89	0.
61	94	50.00	93	40.00	92	20.00	91	20.00	90	10.00	89	0.
64	95	60.00	94	50.00	92	30.00	91	20.00	90	10.00	90	0.
66	95	70.00	94	60.00	93	40.00	92	30.00	91	20.00	90	10.00
69	95	80.00	94	60.00	93	40.00	91	30.00	90	10.00	89	0.
72	95	90.00	94	70.00	92	50.00	91	30.00	90	10.00	89	0.
74	0	100.00	93	70.00	92	50.00	90	20.00	89	0.	89	0.
77	0	100.00	93	80.00	91	40.00	89	10.00	89	0.	88	0.
79	0	100.00	91	50.00	89	0.	88	0.	88	0.	87	0.
82	0	100.00	89	0.	88	0.	87	0.	87	0.	86	0.
84	89	20.00	88	0.	88	0.	87	0.	86	0.	85	0.
87	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.

TABLE 25 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
309	94	20.00	93	20.00	92	10.00	91	0.	90	0.	89	0.
312	93	20.00	92	10.00	91	10.00	90	0.	89	0.	88	0.
315	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
318	93	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
321	92	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
324	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
327	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
330	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
333	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
336	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
339	92	10.00	91	0.	90	0.	89	0.	89	0.	88	0.
342	93	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
345	93	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
348	93	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
351	93	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
354	93	10.00	93	10.00	92	10.00	91	0.	90	0.	89	0.
357	94	20.00	93	10.00	92	10.00	91	0.	90	0.	89	0.
360	94	20.00	93	10.00	92	10.00	91	0.	90	0.	89	0.
AVERAGE SHIELDING		19.00		11.17		6.50		2.50		0.67		0.
AVERAGE TARGET CONTACT ANGLE		93		92		91		90		89		88

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 25 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
177	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
180	90	0.	90	0.	89	0.	88	0.	87	0.	86	0.
182	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
185	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
187	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
190	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
192	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
195	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
198	92	0.	92	0.	91	0.	90	0.	89	0.	88	0.
200	93	0.	92	0.	91	0.	90	0.	89	0.	89	0.
203	93	0.	92	0.	91	0.	91	0.	90	0.	89	0.
205	93	0.	93	0.	92	0.	91	0.	90	0.	89	0.
208	94	0.	93	0.	92	0.	91	0.	90	0.	90	0.
210	94	0.	93	0.	92	0.	91	0.	91	0.	90	0.
213	94	0.	93	0.	92	0.	92	0.	91	0.	90	0.
216	94	0.	94	0.	93	0.	92	0.	91	0.	90	0.
218	95	0.	94	0.	93	0.	92	0.	91	0.	91	0.
221	95	0.	94	0.	93	0.	92	0.	92	0.	91	0.
223	95	0.	94	0.	93	0.	93	0.	92	0.	91	0.
226	95	0.	94	0.	94	0.	93	0.	92	0.	91	0.
228	95	0.	95	0.	94	0.	93	0.	92	0.	91	0.
231	95	0.	95	0.	94	0.	93	0.	92	0.	91	0.
234	96	0.	95	0.	94	0.	93	0.	92	0.	91	0.
236	96	0.	95	0.	94	0.	93	0.	92	0.	92	0.
239	96	0.	95	0.	94	0.	93	0.	92	0.	92	0.
241	96	0.	95	0.	94	0.	93	0.	92	0.	92	0.
244	95	0.	95	0.	94	0.	93	0.	92	0.	91	0.
246	95	0.	94	0.	94	0.	93	0.	92	0.	91	0.
249	95	0.	94	0.	93	0.	93	0.	92	0.	91	0.
252	95	10.00	94	0.	93	0.	92	0.	92	0.	91	0.
254	95	10.00	94	10.00	93	0.	92	0.	91	0.	91	0.
257	95	20.00	94	10.00	93	0.	92	0.	91	0.	90	0.
259	94	30.00	93	10.00	92	0.	91	0.	90	0.	90	0.
262	94	50.00	92	10.00	91	0.	90	0.	89	0.	89	0.

TABLE 25 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
90	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
92	90	20.00	89	0.	88	0.	87	0.	86	0.	85	0.
95	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
97	92	40.00	90	0.	89	0.	88	0.	88	0.	87	0.
100	92	60.00	90	0.	89	0.	89	0.	88	0.	87	0.
102	92	50.00	90	0.	89	0.	89	0.	88	0.	87	0.
105	92	60.00	90	0.	89	0.	88	0.	88	0.	87	0.
108	92	60.00	90	0.	89	0.	88	0.	87	0.	87	0.
110	92	70.00	90	0.	89	0.	88	0.	87	0.	86	0.
113	91	40.00	89	0.	88	0.	86	0.	87	0.	86	0.
115	90	30.00	89	0.	88	0.	87	0.	87	0.	86	0.
118	90	20.00	89	0.	88	0.	87	0.	86	0.	86	0.
120	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
123	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
126	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
128	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
131	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
133	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
136	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
138	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
141	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
144	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
146	89	0.	89	0.	88	0.	87	0.	86	0.	85	0.
149	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
151	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
154	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
156	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
159	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
162	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
164	90	0.	89	0.	88	0.	87	0.	86	0.	85	0.
167	90	0.	89	0.	88	0.	87	0.	86	0.	86	0.
169	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
172	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
174	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.

TABLE 25 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
352	92	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
354	92	10.00	92	10.00	91	0.	90	0.	89	0.	88	0.
357	93	10.00	92	10.00	91	0.	90	0.	89	0.	89	0.
360	93	10.00	92	10.00	91	0.	90	0.	89	0.	89	0.
AVERAGE SHIELDING		10.43		8.64		4.14		2.00		0.50		0.07
AVERAGE TARGET CONTACT ANGLE		92		91		90		89		89		88

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 25 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
264	92	30.00	91	0.	90	0.	89	0.	88	0.	87	0.
267	91	20.00	90	0.	89	0.	88	0.	87	0.	86	0.
270	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
272	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
275	90	10.00	89	0.	89	0.	88	0.	87	0.	86	0.
277	0	100.00	90	0.	89	0.	88	0.	88	0.	87	0.
280	0	100.00	92	50.00	90	10.00	89	0.	89	0.	88	0.
282	0	100.00	94	80.00	92	40.00	91	10.00	90	0.	89	0.
285	0	100.00	95	80.00	93	50.00	92	30.00	90	0.	90	0.
288	95	80.00	94	60.00	93	40.00	92	20.00	91	0.	90	0.
290	95	60.00	94	50.00	92	30.00	91	10.00	90	0.	90	0.
293	94	50.00	93	30.00	92	20.00	91	10.00	90	0.	89	0.
295	93	30.00	92	20.00	91	10.00	90	0.	90	0.	89	0.
298	93	30.00	92	20.00	91	10.00	90	0.	89	0.	89	0.
300	93	20.00	92	10.00	91	0.	90	0.	89	0.	88	0.
303	92	20.00	91	10.00	90	0.	90	0.	89	0.	88	0.
306	92	10.00	91	10.00	90	0.	89	0.	89	0.	88	0.
308	92	10.00	91	0.	90	0.	89	0.	88	0.	88	0.
311	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
313	91	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
316	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
318	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
321	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
324	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
326	91	0.	90	0.	89	0.	88	0.	87	0.	87	0.
329	91	0.	90	0.	89	0.	88	0.	88	0.	87	0.
331	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
334	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
336	91	0.	91	0.	90	0.	89	0.	88	0.	87	0.
339	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
342	92	10.00	91	0.	90	0.	89	0.	89	0.	88	0.
344	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
347	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
349	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.

TABLE 25 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
78	0	100.00	92	80.00	91	40.00	89	10.00	89	0.	88	0.
81	0	100.00	91	60.00	89	10.00	89	0.	88	0.	87	0.
83	0	100.00	89	0.	88	0.	88	0.	87	0.	86	0.
85	90	30.00	88	0.	88	0.	87	0.	86	0.	86	0.
87	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
90	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
92	90	20.00	89	0.	88	0.	87	0.	87	0.	86	0.
94	91	40.00	89	0.	89	0.	88	0.	87	0.	87	0.
96	0	100.00	90	0.	90	0.	89	0.	88	0.	87	0.
99	0	100.00	91	0.	90	0.	89	0.	88	0.	88	0.
101	92	60.00	91	0.	90	0.	89	0.	88	0.	88	0.
103	92	70.00	90	0.	90	0.	89	0.	88	0.	88	0.
105	92	70.00	90	0.	90	0.	89	0.	88	0.	87	0.
108	93	90.00	90	0.	89	0.	89	0.	88	0.	87	0.
110	92	60.00	90	0.	89	0.	88	0.	88	0.	87	0.
112	91	60.00	90	0.	89	0.	88	0.	87	0.	87	0.
114	91	60.00	89	0.	89	0.	88	0.	87	0.	87	0.
117	91	70.00	89	0.	89	0.	88	0.	87	0.	86	0.
119	91	60.00	89	0.	88	0.	88	0.	87	0.	86	0.
121	90	50.00	89	0.	88	0.	87	0.	87	0.	86	0.
123	91	60.00	89	0.	88	0.	87	0.	87	0.	86	0.
126	90	40.00	89	0.	88	0.	87	0.	86	0.	86	0.
128	90	50.00	88	0.	88	0.	87	0.	86	0.	86	0.
130	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
132	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
135	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
137	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
139	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
141	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
144	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
146	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
148	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
150	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
153	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.

TABLE 7

SHIELDING OF TARGET AT POSITION E
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
2	92	10.00	91	0.	90	0.	89	0.	89	0.	88	0.
4	91	10.00	91	0.	90	0.	89	0.	88	0.	88	0.
6	91	0.	90	0.	90	0.	89	0.	88	0.	88	0.
9	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
11	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
13	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
15	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
18	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
20	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
22	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
24	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
27	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
29	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
31	91	10.00	90	0.	90	0.	89	0.	88	0.	87	0.
33	91	10.00	91	0.	90	0.	89	0.	88	0.	88	0.
36	91	10.00	91	10.00	90	0.	89	0.	89	0.	88	0.
38	92	10.00	91	10.00	90	0.	90	0.	89	0.	88	0.
40	92	10.00	91	10.00	90	0.	90	0.	89	0.	88	0.
42	92	10.00	91	10.00	91	10.00	90	0.	89	0.	88	0.
45	92	20.00	91	10.00	91	10.00	90	0.	89	0.	89	0.
47	93	20.00	92	10.00	91	10.00	90	0.	89	0.	89	0.
49	93	20.00	92	10.00	91	10.00	90	0.	89	0.	89	0.
51	93	20.00	92	20.00	91	10.00	90	10.00	89	0.	89	0.
54	93	20.00	92	20.00	91	10.00	90	10.00	90	0.	89	0.
56	93	30.00	92	20.00	91	10.00	90	10.00	90	0.	89	0.
58	93	30.00	92	20.00	91	10.00	90	10.00	90	0.	89	0.
60	93	30.00	92	20.00	91	20.00	90	10.00	90	0.	89	0.
63	93	40.00	92	30.00	91	20.00	90	10.00	90	0.	89	0.
65	94	50.00	93	40.00	91	20.00	91	10.00	90	10.00	89	0.
67	94	60.00	93	40.00	92	30.00	91	20.00	90	10.00	89	0.
69	94	70.00	93	50.00	92	40.00	91	30.00	90	10.00	90	0.
72	94	80.00	93	60.00	92	40.00	91	30.00	90	10.00	89	0.
74	94	90.00	93	60.00	92	40.00	91	30.00	90	10.00	89	0.
76	0	100.00	93	70.00	92	50.00	90	20.00	89	0.	89	0.

TABLE 25 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
231	95	0.	94	0.	94	0.	93	0.	92	0.	91	0.
234	95	0.	94	0.	94	0.	93	0.	92	0.	91	0.
236	95	0.	94	0.	94	0.	93	0.	92	0.	91	0.
238	95	0.	94	0.	94	0.	93	0.	92	0.	91	0.
240	95	0.	94	0.	93	0.	93	0.	92	0.	91	0.
243	95	0.	94	0.	93	0.	93	0.	92	0.	91	0.
245	95	0.	94	0.	93	0.	93	0.	92	0.	91	0.
247	95	0.	94	0.	93	0.	92	0.	92	0.	91	0.
249	94	0.	94	0.	93	0.	92	0.	91	0.	91	0.
252	94	0.	93	0.	93	0.	92	0.	91	0.	91	0.
254	94	10.00	93	0.	93	0.	92	0.	91	0.	90	0.
256	94	10.00	93	0.	92	0.	92	0.	91	0.	90	0.
258	94	10.00	93	10.00	92	0.	91	0.	91	0.	90	0.
261	93	20.00	92	10.00	92	0.	91	0.	90	0.	90	0.
263	93	40.00	92	10.00	91	0.	90	0.	89	0.	89	0.
265	92	30.00	91	0.	90	0.	89	0.	88	0.	88	0.
267	91	20.00	90	0.	89	0.	88	0.	88	0.	87	0.
270	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
272	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
274	90	10.00	89	0.	89	0.	88	0.	87	0.	87	0.
276	0	100.00	90	0.	89	0.	89	0.	88	0.	87	0.
279	0	100.00	92	50.00	90	10.00	90	0.	89	0.	88	0.
281	0	100.00	93	80.00	92	50.00	91	10.00	90	0.	89	0.
283	0	100.00	94	70.00	92	40.00	91	20.00	90	0.	89	0.
285	94	70.00	93	50.00	92	30.00	91	10.00	90	0.	89	0.
288	94	50.00	92	30.00	92	20.00	91	10.00	90	0.	89	0.
290	93	40.00	92	30.00	91	10.00	90	0.	90	0.	89	0.
292	93	30.00	92	20.00	91	10.00	90	0.	90	0.	89	0.
294	93	30.00	92	20.00	91	10.00	90	0.	89	0.	89	0.
297	92	20.00	91	10.00	91	0.	90	0.	89	0.	89	0.
299	92	20.00	91	10.00	90	0.	90	0.	89	0.	88	0.
301	92	10.00	91	10.00	90	0.	89	0.	89	0.	88	0.
303	91	10.00	91	0.	90	0.	89	0.	88	0.	88	0.
306	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.

TABLE 25 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
155	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
157	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
159	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
162	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
164	89	0.	88	0.	87	0.	87	0.	86	0.	85	0.
166	89	0.	88	0.	88	0.	87	0.	86	0.	85	0.
168	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
171	89	0.	88	0.	88	0.	87	0.	86	0.	86	0.
173	89	0.	89	0.	88	0.	87	0.	86	0.	86	0.
175	89	0.	89	0.	88	0.	87	0.	87	0.	86	0.
177	90	0.	89	0.	88	0.	87	0.	87	0.	86	0.
180	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
182	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
184	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
186	90	0.	90	0.	89	0.	88	0.	88	0.	87	0.
189	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
191	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
193	91	0.	90	0.	90	0.	89	0.	88	0.	88	0.
195	91	0.	91	0.	90	0.	89	0.	89	0.	88	0.
198	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
200	92	0.	91	0.	91	0.	90	0.	89	0.	89	0.
202	92	0.	92	0.	91	0.	90	0.	90	0.	89	0.
204	93	0.	92	0.	91	0.	91	0.	90	0.	89	0.
207	93	0.	92	0.	92	0.	91	0.	90	0.	89	0.
209	93	0.	93	0.	92	0.	91	0.	90	0.	90	0.
211	94	0.	93	0.	92	0.	91	0.	91	0.	90	0.
213	94	0.	93	0.	92	0.	92	0.	91	0.	90	0.
216	94	0.	93	0.	93	0.	92	0.	91	0.	90	0.
218	94	0.	93	0.	93	0.	92	0.	91	0.	91	0.
220	94	0.	94	0.	93	0.	92	0.	91	0.	91	0.
222	95	0.	94	0.	93	0.	92	0.	92	0.	91	0.
225	95	0.	94	0.	93	0.	93	0.	92	0.	91	0.
227	95	0.	94	0.	93	0.	93	0.	92	0.	91	0.
229	95	0.	94	0.	93	0.	93	0.	92	0.	91	0.

TABLE 25 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
308	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
310	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
312	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
315	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
317	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
319	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
321	90	0.	89	0.	88	0.	88	0.	87	0.	86	0.
324	90	0.	89	0.	89	0.	88	0.	87	0.	86	0.
326	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
328	90	0.	89	0.	89	0.	88	0.	87	0.	87	0.
330	90	0.	90	0.	89	0.	88	0.	87	0.	87	0.
333	90	0.	90	0.	89	0.	89	0.	88	0.	87	0.
335	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
337	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
339	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
342	91	0.	90	0.	90	0.	89	0.	88	0.	88	0.
344	91	0.	91	0.	90	0.	89	0.	88	0.	88	0.
346	91	0.	91	0.	90	0.	89	0.	89	0.	88	0.
348	91	0.	91	0.	90	0.	89	0.	89	0.	88	0.
351	91	10.00	91	0.	90	0.	89	0.	89	0.	88	0.
353	92	10.00	91	0.	90	0.	89	0.	89	0.	88	0.
355	92	10.00	91	0.	90	0.	89	0.	89	0.	88	0.
357	92	10.00	91	0.	90	0.	89	0.	89	0.	88	0.
360	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
AVERAGE SHIELDING		18.94		6.69		3.56		1.62		0.31		0.
AVERAGE TARGET CONTACT ANGLE		92		91		90		89		88		88

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE - 6

TABLE 24

SHIELDING OF TARGET AT POSITION A
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BORST 500 CM
18	90	0.	84	0.	79	0.	73	0.	68	0.	63	0.
36	90	0.	84	0.	79	0.	73	0.	68	0.	63	0.
54	90	0.	85	0.	79	0.	74	0.	68	0.	64	0.
72	90	0.	84	0.	78	0.	73	0.	68	0.	63	0.
90	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
108	90	0.	84	0.	78	0.	73	0.	68	0.	63	0.
126	94	20.00	87	0.	81	0.	76	0.	70	0.	65	0.
144	89	0.	83	0.	78	0.	72	0.	67	0.	63	0.
162	83	0.	78	0.	72	0.	67	0.	63	0.	58	0.
180	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
198	85	0.	79	0.	74	0.	68	0.	64	0.	59	0.
216	91	0.	86	0.	80	0.	75	0.	69	0.	64	0.
234	95	10.00	90	0.	84	0.	78	0.	73	0.	68	0.
252	94	0.	88	0.	82	0.	77	0.	71	0.	66	0.
270	93	0.	88	0.	82	0.	76	0.	71	0.	66	0.
288	94	0.	88	0.	82	0.	77	0.	72	0.	67	0.
306	94	0.	89	0.	83	0.	77	0.	72	0.	67	0.
324	93	0.	87	0.	82	0.	76	0.	71	0.	66	0.
342	91	0.	86	0.	80	0.	75	0.	69	0.	64	0.
360	90	0.	85	0.	79	0.	74	0.	68	0.	64	0.
AVERAGE SHIELDING		1.50		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		85		80		74		69		64

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8

SHIELDING OF TARGET AT POSITION A
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
9	82	0.	79	0.	77	0.	74	0.	71	0.	69	0.
18	82	0.	79	0.	77	0.	74	0.	71	0.	69	0.
27	83	0.	80	0.	77	0.	75	0.	72	0.	69	0.
36	84	0.	81	0.	78	0.	75	0.	73	0.	70	0.
45	85	0.	82	0.	80	0.	77	0.	74	0.	71	0.
54	87	0.	84	0.	81	0.	78	0.	76	0.	73	0.
63	88	0.	85	0.	82	0.	80	0.	77	0.	74	0.
72	89	0.	86	0.	83	0.	80	0.	77	0.	75	0.
81	88	0.	86	0.	83	0.	80	0.	77	0.	74	0.
90	90	0.	87	0.	85	0.	82	0.	79	0.	76	0.
99	88	0.	86	0.	83	0.	80	0.	77	0.	74	0.
108	89	10.00	87	0.	84	0.	81	0.	78	0.	75	0.
117	85	0.	82	0.	79	0.	77	0.	74	0.	71	0.
126	81	0.	79	0.	76	0.	73	0.	71	0.	68	0.
135	86	60.00	79	0.	76	0.	73	0.	71	0.	68	0.
144	87	70.00	79	0.	76	0.	74	0.	71	0.	69	0.
153	89	80.00	80	0.	77	0.	74	0.	72	0.	69	0.
162	89	80.00	81	10.00	78	0.	75	0.	72	0.	70	0.
171	90	80.00	82	20.00	78	0.	76	0.	73	0.	70	0.
180	90	80.00	82	20.00	79	0.	76	0.	73	0.	71	0.
189	91	80.00	83	20.00	79	0.	77	0.	74	0.	71	0.
198	91	80.00	83	20.00	80	0.	77	0.	74	0.	72	0.
207	92	80.00	83	0.	80	0.	77	0.	75	0.	72	0.
216	92	80.00	83	0.	80	0.	78	0.	75	0.	72	0.
225	92	80.00	83	0.	81	0.	78	0.	75	0.	72	0.
234	86	0.	84	0.	81	0.	78	0.	75	0.	73	0.
243	89	0.	86	0.	84	0.	81	0.	78	0.	75	0.
252	90	0.	90	0.	87	0.	84	0.	82	0.	79	0.
261	93	0.	90	0.	87	0.	84	0.	81	0.	79	0.
270	93	0.	90	0.	87	0.	84	0.	81	0.	78	0.
279	93	0.	90	0.	87	0.	84	0.	81	0.	79	0.
288	93	0.	90	0.	88	0.	85	0.	82	0.	79	0.
297	92	0.	90	0.	87	0.	84	0.	81	0.	78	0.
306	91	0.	88	0.	85	0.	82	0.	79	0.	77	0.

TABLE 26 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
315	89	0.	86	0.	83	0.	80	0.	77	0.	75	0.
324	87	0.	84	0.	81	0.	78	0.	76	0.	73	0.
333	88	30.00	83	0.	80	0.	78	0.	75	0.	72	0.
342	85	0.	82	0.	79	0.	76	0.	73	0.	71	0.
351	83	0.	80	0.	78	0.	75	0.	72	0.	70	0.
360	82	0.	79	0.	77	0.	74	0.	71	0.	69	0.
AVERAGE SHIELDING		22.25		2.25		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		88		84		81		78		75		73

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 26
SHIELDING OF TARGET AT POSITION A
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARSET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
6	0	100.00	86	50.00	81	0.	80	0.	78	0.	76	0.
12	0	100.00	86	50.00	82	0.	80	0.	78	0.	76	0.
18	0	100.00	86	50.00	82	0.	80	0.	78	0.	76	0.
24	0	100.00	86	50.00	81	0.	80	0.	78	0.	76	0.
30	0	100.00	82	0.	81	0.	79	0.	77	0.	75	0.
36	88	80.00	82	0.	80	0.	78	0.	77	0.	75	0.
42	87	70.00	82	0.	80	0.	78	0.	77	0.	75	0.
48	0	100.00	82	0.	80	0.	79	0.	77	0.	75	0.
54	84	0.	82	0.	81	0.	79	0.	77	0.	75	0.
60	85	0.	84	0.	82	0.	80	0.	78	0.	76	0.
66	87	0.	85	0.	83	0.	81	0.	79	0.	77	0.
72	88	0.	86	0.	84	0.	82	0.	80	0.	78	0.
78	88	0.	86	0.	84	0.	82	0.	81	0.	79	0.
84	88	0.	86	0.	84	0.	82	0.	80	0.	79	0.
90	88	0.	86	0.	84	0.	82	0.	80	0.	78	0.
96	88	0.	86	0.	84	0.	82	0.	80	0.	79	0.
102	88	0.	87	0.	85	0.	83	0.	81	0.	79	0.
108	85	0.	83	0.	81	0.	80	0.	78	0.	76	0.
114	83	0.	81	0.	79	0.	77	0.	76	0.	74	0.
120	88	90.00	81	0.	79	0.	77	0.	76	0.	74	0.
126	0	100.00	82	10.00	80	0.	78	0.	76	0.	74	0.
132	0	100.00	84	40.00	80	0.	78	0.	76	0.	75	0.
138	0	100.00	84	40.00	81	0.	79	0.	77	0.	75	0.
144	0	100.00	85	50.00	81	10.00	79	0.	77	0.	75	0.
150	89	90.00	85	50.00	82	20.00	79	0.	77	0.	76	0.
156	89	80.00	85	50.00	82	20.00	79	0.	78	0.	76	0.
162	89	80.00	86	50.00	82	20.00	80	0.	78	0.	76	0.
168	90	80.00	86	50.00	82	20.00	80	0.	78	0.	76	0.
174	89	70.00	86	50.00	83	20.00	80	0.	78	0.	76	0.
180	89	70.00	86	50.00	83	20.00	80	0.	78	0.	77	0.
186	90	70.00	86	40.00	83	20.00	81	0.	79	0.	77	0.
192	90	70.00	87	50.00	84	20.00	81	0.	79	0.	77	0.
198	91	70.00	88	50.00	84	20.00	81	0.	80	0.	78	0.
204	92	80.00	88	50.00	84	20.00	82	0.	80	0.	78	0.

TABLE 26 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
210	92	80.00	88	50.00	85	20.00	82	0.	80	0.	79	0.
216	93	90.00	89	50.00	85	20.00	83	0.	81	0.	79	0.
222	93	90.00	89	50.00	85	10.00	83	0.	81	0.	79	0.
228	93	90.00	89	40.00	85	0.	83	0.	81	0.	79	0.
234	93	90.00	87	20.00	85	0.	83	0.	81	0.	79	0.
240	93	80.00	87	0.	85	0.	83	0.	81	0.	79	0.
246	89	0.	87	0.	85	0.	83	0.	81	0.	79	0.
252	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
258	93	0.	91	0.	89	0.	87	0.	85	0.	83	0.
264	92	0.	90	0.	89	0.	87	0.	85	0.	83	0.
270	92	0.	90	0.	88	0.	87	0.	85	0.	83	0.
276	92	0.	90	0.	89	0.	87	0.	85	0.	83	0.
282	93	0.	91	0.	89	0.	87	0.	85	0.	83	0.
288	92	0.	91	0.	89	0.	87	0.	85	0.	83	0.
294	91	0.	89	0.	88	0.	86	0.	84	0.	82	0.
300	90	0.	88	0.	86	0.	84	0.	83	0.	81	0.
306	90	20.00	87	0.	85	0.	83	0.	82	0.	80	0.
312	0	100.00	87	0.	85	0.	83	0.	81	0.	79	0.
318	0	100.00	87	0.	85	0.	83	0.	81	0.	79	0.
324	0	100.00	86	0.	84	0.	82	0.	81	0.	79	0.
330	0	100.00	86	0.	84	0.	82	0.	80	0.	78	0.
336	0	100.00	86	20.00	83	0.	82	0.	80	0.	78	0.
342	0	100.00	85	20.00	83	0.	81	0.	79	0.	77	0.
348	0	100.00	86	40.00	83	0.	81	0.	79	0.	77	0.
354	0	100.00	86	50.00	82	0.	80	0.	78	0.	76	0.
360	0	100.00	85	40.00	81	0.	79	0.	78	0.	76	0.
AVERAGE SHIELDING		57.33		20.17		4.33		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		86		84		82		80		78

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

26

TABLE 3

SHIELDING OF TARGET AT POSITION A
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
4	0	100.00	0	100.00	0	100.00	87	70.00	85	40.00	82	0.
9	0	100.00	0	100.00	0	100.00	87	70.00	84	30.00	82	0.
13	0	100.00	0	100.00	0	100.00	87	60.00	84	30.00	82	0.
18	0	100.00	0	100.00	0	100.00	87	60.00	83	20.00	82	0.
22	0	100.00	0	100.00	89	90.00	86	50.00	83	10.00	81	0.
27	0	100.00	0	100.00	88	80.00	85	40.00	82	0.	81	0.
31	0	100.00	0	100.00	88	80.00	84	30.00	82	0.	81	0.
36	0	100.00	0	100.00	87	70.00	84	20.00	82	0.	81	0.
40	0	100.00	0	100.00	87	60.00	83	0.	82	0.	80	0.
45	0	100.00	0	100.00	85	40.00	83	0.	81	0.	80	0.
49	0	100.00	88	80.00	84	0.	82	0.	81	0.	80	0.
54	0	100.00	87	50.00	84	0.	82	0.	81	0.	79	0.
58	0	100.00	85	0.	83	0.	82	0.	81	0.	79	0.
63	0	100.00	85	0.	83	0.	82	0.	81	0.	79	0.
67	86	0.	85	0.	83	0.	82	0.	80	0.	79	0.
72	87	0.	85	0.	84	0.	82	0.	81	0.	80	0.
76	87	0.	86	0.	85	0.	83	0.	82	0.	80	0.
81	88	0.	86	0.	85	0.	84	0.	82	0.	81	0.
85	88	0.	86	0.	85	0.	84	0.	82	0.	81	0.
90	88	0.	86	0.	85	0.	83	0.	82	0.	81	0.
94	88	0.	86	0.	85	0.	83	0.	82	0.	81	0.
99	88	0.	87	0.	85	0.	84	0.	82	0.	81	0.
103	86	0.	84	0.	83	0.	82	0.	80	0.	79	0.
108	86	50.00	83	0.	81	0.	80	0.	78	0.	77	0.
112	87	80.00	83	0.	81	0.	80	0.	78	0.	77	0.
117	0	100.00	83	10.00	81	0.	80	0.	79	0.	77	0.
121	0	100.00	84	40.00	82	0.	80	0.	79	0.	77	0.
126	0	100.00	85	50.00	82	20.00	81	0.	79	0.	78	0.
130	0	100.00	86	60.00	83	30.00	81	0.	79	0.	78	0.
135	89	90.00	86	60.00	83	30.00	81	0.	80	0.	78	0.
139	89	90.00	86	60.00	84	40.00	81	10.00	80	0.	78	0.
144	89	90.00	86	60.00	84	40.00	82	20.00	80	0.	79	0.
148	89	80.00	86	60.00	84	40.00	82	20.00	80	0.	79	0.
153	89	80.00	87	60.00	84	40.00	82	20.00	80	0.	79	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
157	89	80.00	87	60.00	84	40.00	82	20.00	80	0.	79	0.
162	89	70.00	86	50.00	84	40.00	82	20.00	80	10.00	79	0.
166	89	70.00	86	50.00	85	40.00	82	20.00	80	10.00	79	0.
171	89	70.00	87	50.00	85	40.00	83	30.00	81	10.00	79	0.
175	89	70.00	87	50.00	84	30.00	83	20.00	81	0.	79	0.
180	89	60.00	87	50.00	85	40.00	83	20.00	81	10.00	79	0.
184	89	60.00	87	50.00	85	30.00	83	20.00	81	0.	80	0.
189	90	70.00	87	50.00	85	40.00	83	20.00	81	10.00	80	0.
193	89	60.00	88	50.00	85	30.00	83	20.00	82	0.	80	0.
198	90	70.00	88	50.00	86	30.00	84	20.00	82	10.00	80	0.
202	90	70.00	88	50.00	86	30.00	84	20.00	82	0.	81	0.
207	91	70.00	88	50.00	86	30.00	84	20.00	82	0.	81	0.
211	91	70.00	89	50.00	86	30.00	84	10.00	83	0.	81	0.
216	91	70.00	89	50.00	87	30.00	84	10.00	83	0.	82	0.
220	92	70.00	89	50.00	87	30.00	85	10.00	83	0.	82	0.
225	92	80.00	90	50.00	87	20.00	85	0.	84	0.	82	0.
229	93	80.00	90	50.00	87	20.00	85	0.	84	0.	82	0.
234	93	90.00	90	50.00	87	20.00	86	0.	84	0.	83	0.
238	93	90.00	90	40.00	87	10.00	86	0.	84	0.	83	0.
243	93	90.00	89	20.00	87	0.	86	0.	84	0.	83	0.
247	93	90.00	88	0.	87	0.	86	0.	84	0.	83	0.
252	92	70.00	88	0.	87	0.	85	0.	84	0.	83	0.
256	91	0.	89	0.	88	0.	86	0.	85	0.	83	0.
261	93	10.00	91	0.	90	0.	88	0.	87	0.	85	0.
265	92	0.	91	0.	89	0.	88	0.	86	0.	85	0.
270	92	0.	91	0.	89	0.	88	0.	86	0.	85	0.
274	92	0.	91	0.	89	0.	88	0.	86	0.	85	0.
279	93	10.00	91	0.	90	0.	88	0.	87	0.	86	0.
283	92	0.	91	0.	90	0.	88	0.	87	0.	85	0.
288	92	20.00	91	0.	89	0.	88	0.	86	0.	85	0.
292	91	10.00	90	0.	89	0.	87	0.	86	0.	84	0.
297	0	100.00	90	0.	88	0.	87	0.	85	0.	84	0.
301	0	100.00	90	0.	88	0.	87	0.	85	0.	84	0.
306	0	100.00	90	20.00	88	0.	86	0.	85	0.	84	0.

TABLE 26 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
310	0	100,00	92	60,00	88	0,	87	0,	85	0,	84	0,
315	0	100,00	92	70,00	88	10,00	87	0,	85	0,	84	0,
319	0	100,00	92	70,00	88	10,00	86	0,	85	0,	83	0,
324	0	100,00	91	70,00	88	20,00	86	0,	84	0,	83	0,
328	0	100,00	91	70,00	87	20,00	85	0,	84	0,	82	0,
333	0	100,00	90	70,00	87	30,00	85	0,	83	0,	82	0,
337	0	100,00	91	80,00	88	40,00	85	0,	83	0,	82	0,
342	0	100,00	91	90,00	88	50,00	85	10,00	83	0,	82	0,
346	0	100,00	0	100,00	89	70,00	86	30,00	83	0,	82	0,
351	0	100,00	0	100,00	89	80,00	86	40,00	84	10,00	82	0,
355	0	100,00	0	100,00	90	90,00	87	60,00	84	20,00	82	0,
360	0	100,00	0	100,00	0	100,00	88	70,00	85	40,00	82	10,00
AVERAGE SHIELDING		69,12		44,50		27,00		12,00		3,25		0,12
AVERAGE TARGET CONTACT ANGLE		90		88		86		84		83		81

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 26

SHIELDING OF TARGET AT POSITION A
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	88	80.00
7	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	88	80.00
10	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	88	70.00
14	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00	87	70.00
18	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00	87	60.00
21	0	100.00	0	100.00	0	100.00	0	100.00	88	80.00	86	50.00
25	0	100.00	0	100.00	0	100.00	0	100.00	88	80.00	86	50.00
28	0	100.00	0	100.00	0	100.00	0	100.00	88	70.00	85	40.00
32	0	100.00	0	100.00	0	100.00	0	100.00	88	80.00	85	40.00
36	0	100.00	0	100.00	0	100.00	0	100.00	88	80.00	86	50.00
39	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00	86	50.00
43	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00	86	50.00
46	0	100.00	0	100.00	0	100.00	0	100.00	88	70.00	85	30.00
50	0	100.00	0	100.00	0	100.00	89	90.00	86	50.00	84	10.00
54	0	100.00	0	100.00	0	100.00	87	60.00	84	10.00	83	0.
57	0	100.00	0	100.00	88	60.00	85	10.00	84	0.	83	0.
61	0	100.00	89	90.00	86	20.00	84	0.	83	0.	82	0.
64	0	100.00	88	50.00	85	0.	84	0.	83	0.	82	0.
68	0	100.00	87	30.00	85	0.	84	0.	83	0.	82	0.
72	89	70.00	86	0.	84	0.	83	0.	82	0.	81	0.
75	87	10.00	86	0.	85	0.	84	0.	83	0.	82	0.
79	88	0.	86	0.	85	0.	84	0.	83	0.	82	0.
82	88	0.	87	0.	86	0.	84	0.	83	0.	82	0.
86	88	0.	87	0.	85	0.	84	0.	83	0.	82	0.
90	88	0.	86	0.	85	0.	84	0.	83	0.	82	0.
93	88	0.	86	0.	85	0.	84	0.	83	0.	82	0.
97	88	0.	87	0.	86	0.	84	0.	83	0.	82	0.
100	86	0.	85	0.	84	0.	82	0.	81	0.	80	0.
104	85	20.00	83	0.	82	0.	81	0.	80	0.	79	0.
108	87	80.00	83	0.	82	0.	81	0.	80	0.	79	0.
111	0	100.00	84	20.00	82	0.	81	0.	80	0.	79	0.
115	0	100.00	85	40.00	83	0.	81	0.	80	0.	79	0.
118	0	100.00	85	50.00	83	20.00	82	0.	81	0.	79	0.
122	0	100.00	86	60.00	84	30.00	82	0.	81	0.	80	0.

TABLE 26 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
126	0	100.00	86	70,00	84	40,00	82	20,00	81	0,	80	0,
129	0	100,00	87	70,00	85	50,00	83	30,00	81	10,00	80	0,
133	0	100,00	87	70,00	85	50,00	83	30,00	81	10,00	80	0,
136	0	100,00	87	70,00	85	50,00	83	30,00	82	10,00	80	0,
140	0	100.00	87	70,00	85	50,00	84	40,00	82	20.00	81	0,
144	89	90.00	87	70.00	85	50,00	84	40,00	82	20,00	81	10,00
147	0	100.00	87	70,00	85	50,00	84	40,00	82	20,00	81	10,00
151	0	100,00	87	60,00	86	50,00	84	40,00	82	20,00	81	10,00
154	0	100,00	87	60,00	86	50,00	84	40,00	82	20,00	81	10,00
158	0	100,00	87	60,00	86	50,00	84	40,00	82	20,00	81	10,00
162	89	90,00	87	60,00	86	50,00	84	40,00	82	20,00	81	10,00
165	89	90,00	87	60,00	86	50,00	84	30,00	82	20,00	81	10,00
169	89	80,00	87	60,00	86	50,00	84	40,00	83	30,00	81	10,00
172	89	70,00	87	50,00	85	40,00	84	30,00	83	20,00	81	10,00
176	88	60,00	87	50,00	85	40,00	84	30,00	83	20,00	81	10,00
180	88	60.00	87	50,00	86	40,00	84	30,00	83	20,00	81	10,00
183	89	60,00	87	50,00	86	40,00	84	30,00	83	20,00	81	10,00
187	89	60,00	87	50,00	86	40,00	84	30,00	83	20,00	81	10,00
190	89	60,00	87	50,00	86	40,00	84	30,00	83	20,00	82	10,00
194	89	60,00	88	50,00	86	40,00	85	30,00	83	20,00	82	0,
198	89	60,00	88	50,00	86	40,00	85	30,00	83	20,00	82	10,00
201	90	60,00	88	50,00	87	40,00	85	20,00	83	10,00	82	0,
205	90	60,00	88	50,00	87	40,00	85	20,00	84	10,00	82	0,
208	90	60,00	89	50,00	87	40,00	86	30,00	84	10,00	83	0,
212	90	60,00	89	50,00	87	40,00	86	20,00	84	10,00	83	0,
216	91	60,00	89	50,00	88	40,00	86	20,00	84	10,00	83	0,
219	91	70,00	89	50,00	88	40,00	86	20,00	85	10,00	83	0,
223	91	70,00	90	50,00	88	30,00	86	20,00	85	0,	84	0,
226	92	70,00	90	50,00	88	30,00	86	10,00	85	0,	84	0,
230	92	70,00	90	50,00	88	30,00	86	10,00	85	0,	84	0,
234	92	70,00	90	50,00	88	30,00	87	10,00	85	0,	84	0,
237	93	80,00	90	50,00	88	20,00	87	0,	86	0,	84	0,
241	93	80,00	90	40,00	88	20,00	87	0,	86	0,	85	0,
244	93	80,00	90	30,00	88	0,	87	0,	86	0,	85	0,

TABLE 26/8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
248	93	80.00	89	20.00	88	0.	87	0.	86	0.	85	0.
252	92	70.00	89	0.	88	0.	87	0.	86	0.	85	0.
255	92	60.00	89	0.	88	0.	87	0.	86	0.	84	0.
259	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
262	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
266	92	0.	91	0.	90	0.	89	0.	88	0.	86	0.
270	92	0.	91	0.	90	0.	89	0.	87	0.	86	0.
273	92	0.	91	0.	90	0.	89	0.	87	0.	86	0.
277	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
280	92	0.	91	0.	90	0.	89	0.	88	0.	86	0.
284	92	0.	91	0.	90	0.	88	0.	87	0.	86	0.
288	92	0.	91	0.	89	0.	88	0.	87	0.	86	0.
291	92	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
295	0	100.00	91	10.00	90	0.	89	0.	88	0.	86	0.
298	0	100.00	93	60.00	90	0.	89	0.	88	0.	87	0.
302	0	100.00	0	100.00	91	40.00	89	0.	88	0.	87	0.
306	0	100.00	0	100.00	93	70.00	90	20.00	88	0.	87	0.
309	0	100.00	0	100.00	93	80.00	90	40.00	88	0.	87	0.
313	0	100.00	0	100.00	93	90.00	91	50.00	88	10.00	87	0.
316	0	100.00	0	100.00	93	90.00	91	50.00	88	20.00	87	0.
320	0	100.00	0	100.00	92	80.00	90	50.00	88	10.00	86	0.
324	0	100.00	0	100.00	91	70.00	89	40.00	87	10.00	86	0.
327	0	100.00	92	90.00	90	60.00	88	30.00	86	0.	85	0.
331	0	100.00	91	80.00	89	40.00	87	20.00	85	0.	84	0.
334	0	100.00	90	60.00	88	40.00	86	10.00	85	0.	83	0.
338	0	100.00	90	70.00	88	40.00	86	20.00	84	0.	83	0.
342	0	100.00	91	90.00	89	60.00	87	40.00	85	10.00	84	0.
345	0	100.00	0	100.00	90	80.00	88	60.00	86	30.00	84	10.00
349	0	100.00	0	100.00	0	100.00	89	80.00	88	60.00	85	30.00
352	0	100.00	0	100.00	0	100.00	0	100.00	89	80.00	87	50.00
356	0	100.00	0	100.00	0	100.00	0	100.00	90	90.00	87	60.00
360	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	89	80.00
AVERAGE SHIELDING		72.60		54.90		42.30		31.50		20.40		11.10
AVERAGE TARGET CONTACT ANGLE		90		88		87		86		85		84

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 26

SHIELDING OF TARGET AT POSITION A
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
6	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
9	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
12	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
15	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
18	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
21	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
24	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
27	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
30	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
33	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
36	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
39	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	88	80,00
42	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	87	70,00
45	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	88	80,00
48	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	89	90,00
51	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
54	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	89	90,00
57	0	100,00	0	100,00	0	100,00	0	100,00	89	90,00	87	50,00
60	0	100,00	0	100,00	0	100,00	90	90,00	87	50,00	85	10,00
63	0	100,00	0	100,00	0	100,00	88	60,00	86	10,00	85	0,
66	0	100,00	0	100,00	89	70,00	86	10,00	85	0,	84	0,
69	0	100,00	89	90,00	86	10,00	85	0,	84	0,	83	0,
72	0	100,00	89	70,00	86	0,	85	0,	84	0,	83	0,
75	89	60,00	86	0,	85	0,	85	0,	84	0,	83	0,
78	88	40,00	87	0,	86	0,	85	0,	84	0,	83	0,
81	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
84	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
87	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
90	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
93	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
96	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
99	86	0,	85	0,	84	0,	83	0,	82	0,	81	0,
102	86	60,00	84	0,	83	0,	82	0,	81	0,	80	0,

TABLE 26 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
105	0	100.00	84	0.	83	0.	82	0.	81	0.	80	0.
108	0	100.00	84	20.00	83	0.	82	0.	81	0.	80	0.
111	0	100.00	86	50.00	83	10.00	82	0.	82	0.	81	0.
114	0	100.00	86	60.00	84	30.00	83	0.	82	0.	81	0.
117	0	100.00	86	70.00	85	40.00	83	10.00	82	0.	81	0.
120	0	100.00	87	70.00	85	50.00	83	20.00	82	0.	81	0.
123	0	100.00	87	80.00	86	60.00	84	40.00	83	20.00	81	0.
126	0	100.00	87	80.00	86	60.00	84	40.00	83	20.00	82	10.00
129	0	100.00	88	80.00	86	60.00	84	40.00	83	30.00	82	10.00
132	0	100.00	88	80.00	86	60.00	85	50.00	83	30.00	82	20.00
135	0	100.00	88	80.00	86	60.00	85	50.00	84	30.00	82	20.00
138	0	100.00	88	80.00	86	60.00	85	50.00	84	40.00	82	20.00
141	0	100.00	88	80.00	87	60.00	85	50.00	84	40.00	83	30.00
144	0	100.00	88	80.00	87	60.00	85	50.00	84	40.00	83	30.00
147	0	100.00	88	80.00	87	60.00	86	50.00	84	40.00	83	30.00
150	0	100.00	88	70.00	87	60.00	86	50.00	84	40.00	83	30.00
153	0	100.00	88	70.00	87	60.00	86	50.00	84	40.00	83	30.00
156	0	100.00	88	70.00	87	60.00	86	50.00	84	40.00	83	30.00
159	0	100.00	88	70.00	87	60.00	86	50.00	85	40.00	83	30.00
162	0	100.00	88	70.00	87	60.00	86	50.00	85	40.00	83	30.00
165	0	100.00	88	70.00	87	60.00	86	50.00	85	40.00	83	30.00
168	0	100.00	88	60.00	87	50.00	85	40.00	85	40.00	83	30.00
171	0	100.00	88	60.00	87	50.00	86	50.00	84	40.00	83	30.00
174	0	100.00	88	60.00	87	50.00	85	40.00	84	30.00	83	20.00
177	0	100.00	88	60.00	87	50.00	85	40.00	84	30.00	83	20.00
180	0	100.00	88	60.00	86	50.00	85	40.00	84	30.00	83	20.00
183	90	90.00	87	50.00	86	40.00	85	40.00	84	30.00	83	20.00
186	89	80.00	87	50.00	86	40.00	85	30.00	84	30.00	83	20.00
189	89	70.00	88	50.00	86	40.00	85	40.00	84	30.00	83	20.00
192	89	60.00	88	50.00	86	40.00	85	30.00	84	20.00	83	20.00
195	89	60.00	88	50.00	86	40.00	85	30.00	84	20.00	83	10.00
198	89	60.00	88	50.00	86	40.00	85	30.00	84	20.00	83	10.00
201	89	60.00	88	50.00	87	40.00	85	30.00	84	20.00	83	10.00
204	89	60.00	88	50.00	87	40.00	85	30.00	84	20.00	83	10.00

TABLE 26 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
207	89	60.00	88	50.00	87	40.00	86	30.00	84	20.00	83	10.00
210	90	60.00	88	50.00	87	40.00	86	30.00	85	20.00	83	10.00
213	90	60.00	89	50.00	87	40.00	86	30.00	85	20.00	84	10.00
216	90	60.00	89	50.00	88	40.00	86	30.00	85	20.00	84	10.00
219	90	60.00	89	50.00	88	40.00	86	20.00	85	10.00	84	0.
222	91	60.00	89	50.00	88	40.00	87	20.00	85	10.00	84	0.
225	91	60.00	90	50.00	88	30.00	87	20.00	86	10.00	85	0.
228	91	60.00	90	50.00	88	30.00	87	20.00	86	10.00	85	0.
231	91	60.00	90	50.00	88	30.00	87	20.00	86	10.00	85	0.
234	92	70.00	90	50.00	89	30.00	87	20.00	86	0.	85	0.
237	92	70.00	90	50.00	89	30.00	87	10.00	86	0.	85	0.
240	92	70.00	90	40.00	89	30.00	87	10.00	86	0.	85	0.
243	92	70.00	90	40.00	89	20.00	87	0.	87	0.	86	0.
246	92	70.00	90	40.00	89	0.	88	0.	87	0.	86	0.
249	92	70.00	90	30.00	89	0.	88	0.	87	0.	86	0.
252	92	60.00	90	10.00	89	0.	88	0.	87	0.	86	0.
255	92	60.00	89	0.	89	0.	88	0.	87	0.	86	0.
258	92	60.00	89	0.	89	0.	88	0.	87	0.	86	0.
261	91	0.	91	0.	90	0.	89	0.	88	0.	87	0.
264	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
267	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
270	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
273	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
276	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
279	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
282	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
285	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
288	92	30.00	91	0.	90	0.	89	0.	88	0.	87	0.
291	0	100.00	91	0.	90	0.	89	0.	89	0.	88	0.
294	0	100.00	0	100.00	92	30.00	91	0.	90	0.	89	0.
297	0	100.00	0	100.00	95	90.00	92	40.00	90	0.	89	0.
300	0	100.00	0	100.00	0	100.00	93	60.00	91	20.00	90	0.
303	0	100.00	0	100.00	0	100.00	93	70.00	91	40.00	90	0.
306	0	100.00	0	100.00	0	100.00	94	90.00	92	50.00	90	20.00

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
309	0	100,00	0	100,00	0	100,00	94	90,00	92	60,00	90	30,00
312	0	100,00	0	100,00	0	100,00	0	100,00	92	70,00	90	40,00
315	0	100,00	0	100,00	0	100,00	93	90,00	92	60,00	90	40,00
318	0	100,00	0	100,00	0	100,00	93	90,00	91	60,00	90	40,00
321	0	100,00	0	100,00	0	100,00	92	80,00	91	60,00	89	30,00
324	0	100,00	0	100,00	93	90,00	91	70,00	90	50,00	88	20,00
327	0	100,00	0	100,00	92	80,00	90	60,00	88	30,00	87	10,00
330	0	100,00	92	90,00	91	70,00	89	50,00	88	30,00	86	10,00
333	0	100,00	92	90,00	90	70,00	89	50,00	87	30,00	86	10,00
336	0	100,00	91	90,00	90	70,00	88	50,00	87	30,00	85	10,00
339	0	100,00	0	100,00	90	70,00	88	50,00	87	40,00	86	20,00
342	0	100,00	0	100,00	90	80,00	89	60,00	87	40,00	86	30,00
345	0	100,00	0	100,00	0	100,00	90	80,00	89	60,00	87	40,00
348	0	100,00	0	100,00	0	100,00	0	100,00	90	80,00	89	70,00
351	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	90	80,00
354	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
357	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
360	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
AVERAGE SHIELDING		77,33		62,08		52,25		43,50		34,83		26,67
AVERAGE TARGET CONTACT ANGLE		90		88		88		87		86		85

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8
SHIELDING OF TARGET AT POSITION A
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
5	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
7	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
10	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
12	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
15	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
18	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
20	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
23	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
25	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
28	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
30	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
33	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
36	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
38	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
41	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
43	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
46	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
48	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
51	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
54	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
56	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
59	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
61	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	88	70.00
64	0	100.00	0	100.00	0	100.00	0	100.00	88	70.00	87	20.00
66	0	100.00	0	100.00	0	100.00	89	70.00	87	20.00	85	0.
69	0	100.00	0	100.00	88	50.00	86	0.	85	0.	84	0.
72	0	100.00	88	60.00	86	0.	86	0.	85	0.	84	0.
74	0	100.00	87	20.00	86	0.	86	0.	85	0.	84	0.
77	88	30.00	87	0.	86	0.	85	0.	84	0.	84	0.
79	88	10.00	87	0.	86	0.	85	0.	84	0.	84	0.
82	88	0.	87	0.	86	0.	85	0.	84	0.	84	0.
84	88	0.	87	0.	86	0.	85	0.	84	0.	84	0.
87	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.

TABLE 26 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
90	87	0.	87	0.	86	0.	85	0.	84	0.	83	0.
92	87	0.	87	0.	86	0.	85	0.	84	0.	83	0.
95	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
97	86	0.	85	0.	84	0.	84	0.	83	0.	82	0.
100	0	100.00	85	0.	84	0.	83	0.	82	0.	81	0.
102	0	100.00	85	0.	84	0.	83	0.	82	0.	81	0.
105	0	100.00	85	40.00	84	0.	83	0.	82	0.	82	0.
108	0	100.00	86	60.00	84	20.00	83	0.	82	0.	82	0.
110	0	100.00	87	70.00	85	40.00	83	10.00	83	0.	82	0.
113	0	100.00	87	80.00	85	50.00	84	20.00	83	0.	82	0.
115	0	100.00	87	80.00	86	60.00	85	40.00	83	10.00	82	0.
118	0	100.00	88	90.00	86	60.00	85	40.00	83	20.00	82	0.
120	0	100.00	88	90.00	86	70.00	85	50.00	84	30.00	83	20.00
123	0	100.00	88	90.00	87	70.00	85	50.00	84	40.00	83	20.00
126	0	100.00	88	90.00	87	70.00	86	60.00	84	40.00	83	30.00
128	0	100.00	0	100.00	87	80.00	86	60.00	85	50.00	84	40.00
131	0	100.00	0	100.00	0	100.00	88	80.00	87	70.00	85	50.00
133	0	100.00	0	100.00	0	100.00	88	80.00	87	70.00	86	60.00
136	0	100.00	0	100.00	89	90.00	88	80.00	87	70.00	85	50.00
138	0	100.00	0	100.00	89	90.00	87	70.00	86	60.00	85	50.00
141	0	100.00	0	100.00	88	80.00	87	70.00	86	60.00	85	50.00
144	0	100.00	0	100.00	88	80.00	87	70.00	86	60.00	85	50.00
146	0	100.00	0	100.00	88	80.00	87	70.00	86	60.00	85	50.00
149	0	100.00	0	100.00	88	80.00	87	70.00	86	60.00	85	50.00
151	0	100.00	0	100.00	88	70.00	87	60.00	86	60.00	85	50.00
154	0	100.00	0	100.00	88	70.00	87	60.00	86	60.00	85	50.00
156	0	100.00	0	100.00	88	70.00	87	60.00	86	50.00	85	50.00
159	0	100.00	0	100.00	88	70.00	87	60.00	86	50.00	85	40.00
162	0	100.00	0	100.00	88	70.00	87	60.00	86	50.00	85	40.00
164	0	100.00	0	100.00	88	70.00	87	60.00	86	50.00	85	40.00
167	0	100.00	89	90.00	88	60.00	87	60.00	86	50.00	85	40.00
169	0	100.00	89	80.00	88	60.00	87	50.00	86	50.00	85	40.00
172	0	100.00	89	70.00	88	60.00	87	50.00	86	50.00	85	40.00
174	0	100.00	88	60.00	88	60.00	87	50.00	86	40.00	84	30.00

TABLE 26 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
177	0	100.00	88	60.00	87	50.00	86	50,00	85	40.00	84	30,00
180	0	100.00	88	60.00	87	50.00	86	50,00	85	40.00	84	30,00
182	0	100.00	88	60.00	87	50.00	86	40,00	85	40.00	84	30,00
185	0	100.00	88	50.00	87	50.00	86	40,00	85	30.00	84	30,00
187	0	100.00	88	50.00	87	50.00	86	40,00	85	30.00	84	30,00
190	0	100.00	88	50.00	87	50.00	86	40.00	85	30.00	84	30,00
192	0	100.00	88	50.00	87	40.00	86	40,00	85	30.00	84	20,00
195	89	80.00	88	50.00	87	40.00	86	30,00	85	30.00	84	20,00
198	89	80.00	88	50.00	87	40.00	86	30,00	85	30.00	84	20,00
200	89	70.00	88	50.00	87	40.00	86	30,00	85	20.00	84	20,00
203	89	50.00	88	50.00	87	40.00	86	30,00	85	20.00	84	10,00
205	89	50.00	88	50.00	87	40.00	86	30,00	85	20.00	84	10,00
208	89	50,00	88	50.00	87	40.00	86	30,00	85	20.00	84	10,00
210	89	50.00	88	50.00	87	40.00	86	30,00	85	20.00	84	10,00
213	89	50.00	88	50,00	87	40.00	86	30,00	85	20.00	84	10,00
216	89	50,00	88	40.00	88	40.00	86	30,00	85	20.00	84	10,00
218	90	50,00	89	40,00	87	30,00	87	30,00	86	20.00	85	10,00
221	90	60,00	89	50.00	88	40.00	87	30,00	86	20.00	85	10,00
223	90	50,00	89	40.00	88	30,00	87	20,00	86	10.00	85	0,
226	91	60.00	89	50.00	88	30.00	87	20,00	86	10.00	85	0,
228	91	60.00	90	50.00	88	30.00	87	20,00	86	10.00	85	0,
231	91	60.00	90	50.00	89	30.00	87	20,00	86	10.00	86	0,
234	91	60.00	90	50.00	89	30.00	88	20,00	87	10.00	86	0,
236	91	60.00	90	50.00	89	30.00	88	20,00	87	0,	86	0,
239	91	60.00	90	40.00	89	30.00	88	20,00	87	0,	86	0,
241	92	60.00	90	40.00	89	30.00	88	10,00	87	0,	86	0,
244	92	60.00	90	40.00	89	20.00	88	0,	87	0,	86	0,
246	92	60.00	90	40.00	89	10.00	88	0,	87	0,	86	0,
249	92	60.00	90	30.00	89	0,	88	0,	87	0,	87	0,
252	92	70.00	90	20.00	89	0,	88	0,	87	0,	87	0,
254	92	70.00	90	10.00	89	0,	88	0,	87	0,	87	0,
257	92	60.00	90	0,	89	0,	88	0,	87	0,	87	0,
259	92	50,00	90	0,	89	0,	88	0,	87	0,	87	0,
262	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,

TABLE 26 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
264	93	20.00	91	0.	91	0.	90	0.	89	0.	88	0.
267	92	20.00	91	0.	90	0.	90	0.	89	0.	88	0.
270	92	10.00	91	0.	90	0.	89	0.	89	0.	88	0.
272	92	10.00	91	0.	90	0.	89	0.	89	0.	88	0.
275	92	10.00	91	0.	90	0.	90	0.	89	0	88	0.
277	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
280	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
282	92	10.00	91	0.	90	0.	89	0.	89	0.	88	0.
285	92	20.00	91	0.	90	0.	89	0.	89	0.	88	0.
288	0	100.00	91	0.	90	0.	90	0.	89	0.	88	0.
290	0	100.00	0	100.00	92	20.00	91	0.	90	0.	89	0.
293	0	100.00	0	100.00	0	100.00	93	60.00	91	10.00	91	0.
295	0	100.00	0	100.00	0	100.00	94	80.00	92	40.00	91	0.
298	0	100.00	0	100.00	0	100.00	94	90.00	93	50.00	91	20.00
300	0	100.00	0	100.00	0	100.00	0	100.00	93	70.00	92	40.00
303	0	100.00	0	100.00	0	100.00	0	100.00	94	90.00	93	60.00
306	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	93	80.00
308	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	94	90.00
311	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	93	80.00
313	0	100.00	0	100.00	0	100.00	0	100.00	93	90.00	92	70.00
316	0	100.00	0	100.00	0	100.00	0	100.00	93	80.00	91	60.00
318	0	100.00	0	100.00	0	100.00	93	90.00	92	70.00	90	50.00
321	0	100.00	0	100.00	93	90.00	92	70.00	90	50.00	89	30.00
324	0	100.00	93	90.00	91	70.00	90	50.00	89	40.00	88	20.00
326	0	100.00	92	80.00	90	60.00	89	50.00	88	30.00	87	10.00
329	0	100.00	91	80.00	90	60.00	89	40.00	88	30.00	86	10.00
331	0	100.00	91	80.00	90	60.00	89	50.00	88	30.00	87	20.00
334	0	100.00	91	80.00	90	70.00	89	50.00	88	40.00	86	20.00
336	0	100.00	91	90.00	90	70.00	89	60.00	88	40.00	87	30.00
339	0	100.00	0	100.00	91	80.00	90	70.00	88	50.00	87	40.00
342	0	100.00	0	100.00	0	100.00	90	80.00	89	60.00	88	50.00
344	0	100.00	0	100.00	0	100.00	0	100.00	90	80.00	89	70.00
347	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	90	80.00
349	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00

TABLE 26 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
352	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
354	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
357	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
360	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
AVERAGE SHIELDING		79.86		67.07		57.50		50.57		43.43		36.50
AVERAGE TARGET CONTACT ANGLE		90		89		88		87		87		86

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 26

SHIELDING OF TARGET AT POSITION A
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	0	100.00	0	100.00	0	100.00	0	100,00	0	100.00	0	100,00
4	0	100.00	0	100.00	0	100.00	0	100,00	0	100.00	0	100,00
6	0	100.00	0	100.00	0	100.00	0	100,00	0	100.00	0	100,00
9	0	100.00	0	100.00	0	100.00	0	100,00	0	100.00	0	100,00
11	0	100.00	0	100.00	0	100.00	0	100,00	0	100.00	0	100,00
13	0	100.00	0	100.00	0	100.00	0	100,00	0	100.00	0	100,00
15	0	100.00	0	100.00	0	100.00	0	100,00	0	100.00	0	100,00
18	0	100.00	0	100.00	0	100.00	0	100,00	0	100.00	0	100,00
20	0	100.00	0	100.00	0	100.00	0	100,00	0	100.00	0	100,00
22	0	100.00	0	100.00	0	100.00	0	100,00	0	100.00	0	100,00
24	0	100.00	0	100.00	0	100.00	0	100,00	0	100.00	0	100,00
27	0	100.00	0	100.00	0	100.00	0	100,00	0	100.00	0	100,00
29	0	100.00	0	100.00	0	100.00	0	100,00	0	100.00	0	100,00
31	0	100.00	0	100.00	0	100.00	0	100,00	0	100.00	0	100,00
33	0	100.00	0	100.00	0	100.00	0	100,00	0	100.00	0	100,00
36	0	100.00	0	100.00	0	100.00	0	100,00	0	100.00	0	100,00
38	0	100.00	0	100.00	0	100.00	0	100,00	0	100.00	0	100,00
40	0	100.00	0	100.00	0	100.00	0	100,00	0	100.00	0	100,00
42	0	100.00	0	100.00	0	100.00	0	100,00	0	100.00	0	100,00
45	0	100.00	0	100.00	0	100.00	0	100,00	0	100.00	0	100,00
47	0	100.00	0	100.00	0	100.00	0	100,00	0	100.00	0	100,00
49	0	100.00	0	100.00	0	100.00	0	100,00	0	100.00	0	100,00
51	0	100.00	0	100.00	0	100.00	0	100,00	0	100.00	0	100,00
54	0	100.00	0	100.00	0	100.00	0	100,00	0	100.00	0	100,00
56	0	100.00	0	100.00	0	100.00	0	100,00	0	100.00	0	100,00
58	0	100.00	0	100.00	0	100.00	0	100,00	0	100.00	88	70,00
60	0	100.00	0	100.00	0	100.00	0	100,00	89	70.00	87	50,00
63	0	100.00	0	100.00	0	100.00	89	80,00	88	50.00	86	20,00
65	0	100.00	0	100.00	89	80.00	88	50,00	86	20.00	85	0,
67	0	100.00	0	100.00	89	70.00	87	30,00	86	0.	85	0,
69	0	100.00	89	80.00	88	40.00	86	10,00	85	0.	85	0,
72	90	90.00	88	40.00	86	0.	86	0,	85	0.	84	0,
74	89	60.00	87	10.00	86	0.	86	0,	85	0.	84	0,
76	88	40.00	87	0.	86	0.	86	0,	85	0.	84	0,

TABLE ~~X~~ 46 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
78	88	10,00	87	0,	86	0,	85	0,	85	0,	84	0,
81	88	10,00	87	0,	86	0,	86	0,	85	0,	84	0,
83	88	10,00	87	0,	86	0,	86	0,	85	0,	84	0,
85	88	0,	87	0,	86	0,	85	0,	85	0,	84	0,
87	88	0,	87	0,	86	0,	85	0,	85	0,	84	0,
90	87	0,	87	0,	86	0,	85	0,	85	0,	84	0,
92	87	0,	87	0,	86	0,	85	0,	85	0,	84	0,
94	88	0,	87	0,	86	0,	85	0,	85	0,	84	0,
96	86	0,	86	0,	85	0,	84	0,	83	0,	83	0,
99	0	100,00	85	0,	84	0,	84	0,	83	0,	82	0,
101	0	100,00	85	20,00	84	0,	84	0,	83	0,	82	0,
103	0	100,00	86	60,00	85	0,	84	0,	83	0,	82	0,
105	0	100,00	87	70,00	85	30,00	84	0,	83	0,	83	0,
108	0	100,00	87	80,00	86	50,00	84	20,00	83	0,	83	0,
110	0	100,00	87	90,00	86	60,00	85	30,00	84	10,00	83	0,
112	0	100,00	0	100,00	86	70,00	85	50,00	84	20,00	83	0,
114	0	100,00	0	100,00	87	70,00	86	50,00	84	30,00	83	10,00
117	0	100,00	0	100,00	87	80,00	86	60,00	85	40,00	84	20,00
119	0	100,00	0	100,00	87	80,00	86	60,00	85	50,00	84	30,00
121	0	100,00	0	100,00	88	90,00	87	70,00	86	60,00	85	40,00
123	0	100,00	0	100,00	0	100,00	88	90,00	87	70,00	86	60,00
126	0	100,00	0	100,00	0	100,00	0	100,00	88	90,00	87	70,00
128	0	100,00	0	100,00	0	100,00	0	100,00	88	90,00	87	80,00
130	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	88	80,00
132	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	88	80,00
135	0	100,00	0	100,00	0	100,00	0	100,00	89	90,00	88	80,00
137	0	100,00	0	100,00	0	100,00	0	100,00	89	90,00	87	70,00
139	0	100,00	0	100,00	0	100,00	0	100,00	88	80,00	87	70,00
141	0	100,00	0	100,00	0	100,00	89	90,00	88	80,00	87	70,00
144	0	100,00	0	100,00	0	100,00	89	90,00	88	80,00	87	70,00
146	0	100,00	0	100,00	0	100,00	89	80,00	88	70,00	87	60,00
148	0	100,00	0	100,00	0	100,00	89	80,00	88	70,00	87	60,00
150	0	100,00	0	100,00	0	100,00	89	80,00	88	70,00	87	60,00
153	0	100,00	0	100,00	0	100,00	89	80,00	88	70,00	87	60,00

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
155	0	100.00	0	100.00	0	100.00	88	70.00	87	60.00	87	60.00
157	0	100.00	0	100.00	0	100.00	88	70.00	87	60.00	87	60.00
159	0	100.00	0	100.00	0	100.00	88	70.00	87	60.00	87	60.00
162	0	100.00	0	100.00	89	90.00	88	70.00	87	60.00	86	50.00
164	0	100.00	0	100.00	89	90.00	88	70.00	87	60.00	86	50.00
166	0	100.00	0	100.00	89	80.00	88	60.00	87	60.00	86	50.00
168	0	100.00	0	100.00	89	70.00	88	60.00	87	60.00	86	50.00
171	0	100.00	0	100.00	89	70.00	88	60.00	87	60.00	86	50.00
173	0	100.00	0	100.00	89	70.00	88	60.00	87	50.00	86	50.00
175	0	100.00	0	100.00	88	60.00	88	60.00	87	50.00	86	40.00
177	0	100.00	0	100.00	88	60.00	87	50.00	87	50.00	86	40.00
180	0	100.00	90	90.00	88	60.00	87	50.00	87	50.00	86	40.00
182	0	100.00	89	80.00	88	60.00	87	50.00	86	50.00	86	40.00
184	0	100.00	89	70.00	88	50.00	87	50.00	86	40.00	86	40.00
186	0	100.00	89	60.00	88	50.00	87	50.00	86	40.00	85	40.00
189	0	100.00	89	60.00	88	50.00	87	50.00	86	40.00	85	40.00
191	0	100.00	89	60.00	88	50.00	87	50.00	86	40.00	85	30.00
193	0	100.00	88	50.00	88	50.00	87	40.00	86	40.00	85	30.00
195	0	100.00	88	50.00	88	50.00	87	40.00	86	30.00	85	30.00
198	0	100.00	88	50.00	88	50.00	87	40.00	86	30.00	85	30.00
200	0	100.00	88	50.00	87	40.00	87	40.00	86	30.00	85	20.00
202	0	100.00	88	50.00	87	40.00	86	30.00	86	30.00	85	20.00
204	89	70.00	88	50.00	87	40.00	86	30.00	86	30.00	85	20.00
207	89	60.00	88	50.00	87	40.00	86	30.00	86	30.00	85	20.00
209	89	50.00	88	50.00	87	40.00	86	30.00	86	30.00	85	20.00
211	89	50.00	88	40.00	87	40.00	86	30.00	86	20.00	85	20.00
213	89	50.00	88	40.00	87	40.00	87	30.00	86	20.00	85	20.00
216	89	50.00	88	40.00	88	40.00	87	30.00	86	20.00	85	10.00
218	89	50.00	88	40.00	87	30.00	87	30.00	86	20.00	85	10.00
220	89	50.00	89	40.00	88	40.00	87	30.00	86	20.00	85	10.00
222	90	50.00	89	40.00	88	30.00	87	30.00	86	20.00	85	10.00
225	90	50.00	89	40.00	88	30.00	87	20.00	86	20.00	85	10.00
227	90	50.00	89	40.00	88	30.00	87	20.00	86	10.00	86	10.00
229	90	50.00	89	40.00	89	40.00	88	30.00	87	20.00	86	10.00

TABLE 3 (CON,)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TABSET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGEY CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
231	91	60,00	90	50,00	89	30,00	88	20,00	87	10,00	86	10,00
234	91	60,00	90	50,00	89	40,00	88	30,00	87	10,00	86	0,
236	91	60,00	90	50,00	89	30,00	88	20,00	87	10,00	86	0,
238	91	60,00	90	40,00	89	30,00	88	20,00	87	10,00	87	0,
240	91	60,00	90	40,00	89	30,00	88	20,00	87	10,00	87	0,
243	91	60,00	90	40,00	89	20,00	88	10,00	88	0,	87	0,
245	92	60,00	90	40,00	89	20,00	88	0,	88	0,	87	0,
247	92	60,00	91	40,00	89	20,00	88	0,	88	0,	87	0,
249	92	60,00	91	40,00	89	10,00	89	0,	88	0,	87	0,
252	92	60,00	91	30,00	89	0,	89	0,	88	0,	87	0,
254	92	70,00	91	30,00	89	0,	89	0,	88	0,	87	0,
256	92	70,00	90	10,00	89	0,	89	0,	88	0,	87	0,
258	92	70,00	90	0,	89	0,	89	0,	88	0,	87	0,
261	92	50,00	90	0,	89	0,	89	0,	88	0,	87	0,
263	92	0,	91	0,	90	0,	89	0,	89	0,	88	0,
265	93	30,00	92	0,	91	0,	90	0,	89	0,	89	0,
267	92	10,00	91	0,	91	0,	90	0,	89	0,	88	0,
270	92	10,00	91	0,	91	0,	90	0,	89	0,	88	0,
272	92	10,00	91	0,	91	0,	90	0,	89	0,	88	0,
274	92	20,00	91	0,	91	0,	90	0,	89	0,	88	0,
276	92	0,	91	0,	91	0,	90	0,	89	0,	88	0,
279	92	0,	91	0,	90	0,	90	0,	89	0,	88	0,
281	92	10,00	91	0,	90	0,	90	0,	89	0,	88	0,
283	92	10,00	91	0,	90	0,	90	0,	89	0,	88	0,
285	0	100,00	91	0,	91	0,	90	0,	89	0,	89	0,
288	0	100,00	0	100,00	92	20,00	91	0,	90	0,	90	0,
290	0	100,00	0	100,00	0	100,00	93	50,00	91	0,	91	0,
292	0	100,00	0	100,00	0	100,00	93	60,00	92	20,00	91	0,
294	0	100,00	0	100,00	0	100,00	94	70,00	92	40,00	91	10,00
297	0	100,00	0	100,00	0	100,00	94	80,00	93	50,00	92	30,00
299	0	100,00	0	100,00	0	100,00	0	100,00	94	80,00	93	60,00
301	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	94	90,00
303	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
306	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	94	90,00

TABLE 3 (CON,)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
308	0	100.00	0	100.00	0	100.00	0	100,00	0	100.00	94	90,00
310	0	100.00	0	100.00	0	100.00	0	100,00	0	100.00	93	80,00
312	0	100.00	0	100.00	0	100.00	0	100,00	94	90.00	92	70.00
315	0	100.00	0	100.00	0	100.00	0	100,00	93	80,00	92	60,00
317	0	100.00	0	100.00	0	100.00	93	90,00	92	70,00	91	50,00
319	0	100.00	0	100.00	93	90.00	92	70,00	91	60,00	90	40,00
321	0	100.00	93	90.00	92	80.00	91	60,00	90	40,00	89	30,00
324	93	90.00	91	70.00	91	60.00	89	40,00	88	30,00	88	20,00
326	91	70.00	90	60.00	89	40.00	88	30,00	87	10,00	86	0,
328	90	60.00	89	50.00	88	40,00	87	20,00	86	10,00	86	0,
330	90	60.00	89	50.00	88	30.00	87	20,00	86	10,00	85	0,
333	90	70.00	90	60.00	89	50.00	87	30,00	87	20,00	86	10,00
335	91	80.00	90	70.00	89	60.00	88	40,00	87	30,00	86	20,00
337	0	100.00	91	90.00	90	70.00	89	60,00	88	50,00	87	40,00
339	0	100.00	0	100.00	91	90.00	90	70,00	89	60,00	88	50,00
342	0	100.00	0	100.00	0	100.00	91	90,00	90	70,00	89	60,00
344	0	100.00	0	100.00	0	100.00	0	100,00	90	80,00	89	70,00
346	0	100.00	0	100.00	0	100.00	0	100,00	91	90,00	90	80,00
348	0	100,00	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00
351	0	100.00	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00
353	0	100.00	0	100.00	0	100.00	0	100,00	0	100,00	0	100,00
355	0	100.00	0	100.00	0	100.00	0	100,00	0	100,00	0	100,00
357	0	100,00	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00
360	0	100.00	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00
AVERAGE SHIELDING		80,25		69,56		61,62		53,94		47,19		41,00
AVERAGE TARGET CONTACT ANGLE		90		89		88		88		87		87

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 27

SHIELDING OF TARGET AT POSITION B
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
18	90	0.	84	0.	78	0.	73	0.	68	0.	63	0.
36	90	0.	84	0.	78	0.	73	0.	68	0.	63	0.
54	90	0.	85	0.	79	0.	74	0.	68	0.	64	0.
72	89	0.	84	0.	78	0.	73	0.	68	0.	63	0.
90	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
108	89	0.	84	0.	78	0.	73	0.	68	0.	63	0.
126	96	30.00	87	0.	81	0.	75	0.	70	0.	65	0.
144	88	0.	82	0.	77	0.	71	0.	66	0.	62	0.
162	82	0.	77	0.	71	0.	66	0.	62	0.	57	0.
180	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
198	84	0.	78	0.	73	0.	68	0.	63	0.	59	0.
216	92	0.	86	0.	80	0.	75	0.	70	0.	65	0.
234	97	20.00	90	0.	84	0.	79	0.	73	0.	68	0.
252	94	0.	88	0.	82	0.	77	0.	71	0.	66	0.
270	93	0.	87	0.	82	0.	76	0.	71	0.	66	0.
288	94	0.	88	0.	82	0.	77	0.	71	0.	66	0.
306	94	0.	88	0.	82	0.	77	0.	71	0.	66	0.
324	92	0.	87	0.	81	0.	76	0.	70	0.	65	0.
342	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
360	90	0.	84	0.	79	0.	73	0.	68	0.	63	0.
AVERAGE SHIELDING		2.50		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		85		79		74		69		64

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 3

SHIELDING OF TARGET AT POSITION B
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
9	83	0.	80	0.	77	0.	74	0.	72	0.	69	0.
18	83	0.	80	0.	77	0.	74	0.	72	0.	69	0.
27	83	0.	80	0.	77	0.	74	0.	72	0.	69	0.
36	84	0.	81	0.	78	0.	75	0.	73	0.	70	0.
45	85	0.	82	0.	80	0.	77	0.	74	0.	72	0.
54	87	0.	84	0.	81	0.	78	0.	75	0.	73	0.
63	88	0.	85	0.	82	0.	79	0.	77	0.	74	0.
72	88	0.	86	0.	83	0.	80	0.	77	0.	74	0.
81	88	0.	85	0.	83	0.	80	0.	77	0.	74	0.
90	90	0.	87	0.	85	0.	82	0.	79	0.	76	0.
99	88	0.	85	0.	82	0.	80	0.	77	0.	74	0.
108	89	0.	86	0.	83	0.	80	0.	78	0.	75	0.
117	85	0.	82	0.	79	0.	76	0.	74	0.	71	0.
126	81	0.	78	0.	75	0.	73	0.	70	0.	68	0.
135	86	70.00	78	0.	75	0.	73	0.	70	0.	68	0.
144	88	90.00	79	0.	76	0.	73	0.	71	0.	68	0.
153	0	100.00	79	10.00	77	0.	74	0.	71	0.	69	0.
162	0	100.00	81	20.00	77	0.	75	0.	72	0.	69	0.
171	0	100.00	83	40.00	78	0.	75	0.	72	0.	70	0.
180	0	100.00	84	40.00	78	0.	76	0.	73	0.	70	0.
189	0	100.00	83	30.00	79	0.	76	0.	73	0.	71	0.
198	0	100.00	83	20.00	79	0.	76	0.	74	0.	71	0.
207	92	90.00	82	0.	79	0.	77	0.	74	0.	71	0.
216	91	80.00	83	0.	80	0.	77	0.	74	0.	72	0.
225	91	70.00	83	0.	80	0.	77	0.	75	0.	72	0.
234	86	0.	83	0.	80	0.	78	0.	75	0.	72	0.
243	89	0.	86	0.	83	0.	81	0.	78	0.	75	0.
252	93	0.	90	0.	87	0.	85	0.	82	0.	79	0.
261	93	0.	90	0.	87	0.	84	0.	81	0.	78	0.
270	92	0.	90	0.	87	0.	84	0.	81	0.	78	0.
279	93	0.	90	0.	87	0.	84	0.	81	0.	79	0.
288	93	0.	90	0.	87	0.	84	0.	82	0.	79	0.
297	92	0.	89	0.	86	0.	84	0.	81	0.	78	0.
306	91	0.	88	0.	85	0.	82	0.	79	0.	76	0.

TABLE 27 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
315	88	0.	85	0.	82	0.	80	0.	77	0.	74	0.
324	86	0.	83	0.	80	0.	77	0.	75	0.	72	0.
333	84	0.	81	0.	79	0.	76	0.	73	0.	71	0.
342	83	0.	81	0.	78	0.	75	0.	72	0.	70	0.
351	83	0.	80	0.	77	0.	75	0.	72	0.	69	0.
360	83	0.	80	0.	77	0.	74	0.	72	0.	69	0.
AVERAGE SHIELDING		25.00		4.00		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		88		84		81		78		75		72

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 27

SHIELDING OF TARGET AT POSITION B
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
6	0	100.00	87	60.00	82	0.	80	0.	79	0.	77	0.
12	0	100.00	87	60.00	82	0.	80	0.	79	0.	77	0.
18	0	100.00	86	40.00	82	0.	80	0.	78	0.	76	0.
24	0	100.00	86	50.00	82	0.	80	0.	78	0.	76	0.
30	0	100.00	85	40.00	82	0.	80	0.	78	0.	76	0.
36	0	100.00	84	20.00	82	0.	80	0.	78	0.	76	0.
42	0	100.00	84	0.	82	0.	80	0.	78	0.	76	0.
48	0	100.00	84	0.	82	0.	80	0.	78	0.	76	0.
54	0	100.00	84	0.	82	0.	80	0.	78	0.	76	0.
60	86	0.	84	0.	82	0.	80	0.	78	0.	76	0.
66	86	0.	85	0.	83	0.	81	0.	79	0.	77	0.
72	87	0.	86	0.	84	0.	82	0.	80	0.	78	0.
78	88	0.	86	0.	84	0.	82	0.	80	0.	79	0.
84	88	0.	86	0.	84	0.	82	0.	80	0.	78	0.
90	88	0.	86	0.	84	0.	82	0.	80	0.	78	0.
96	88	0.	86	0.	84	0.	82	0.	80	0.	78	0.
102	88	0.	86	0.	84	0.	83	0.	81	0.	79	0.
108	85	0.	83	0.	82	0.	80	0.	78	0.	76	0.
114	83	0.	81	0.	79	0.	77	0.	75	0.	74	0.
120	87	90.00	81	0.	79	0.	77	0.	75	0.	74	0.
126	0	100.00	82	20.00	79	0.	78	0.	76	0.	74	0.
132	0	100.00	83	40.00	80	0.	78	0.	76	0.	74	0.
138	0	100.00	84	50.00	80	10.00	78	0.	77	0.	75	0.
144	0	100.00	85	60.00	81	20.00	79	0.	77	0.	75	0.
150	0	100.00	86	60.00	82	30.00	79	0.	77	0.	75	0.
156	0	100.00	86	60.00	82	30.00	79	0.	77	0.	76	0.
162	90	90.00	86	60.00	83	40.00	80	10.00	78	0.	76	0.
168	90	90.00	86	60.00	83	40.00	80	10.00	78	0.	76	0.
174	90	90.00	87	60.00	84	40.00	80	10.00	78	0.	76	0.
180	90	90.00	87	60.00	84	40.00	81	20.00	78	0.	77	0.
186	90	80.00	87	50.00	83	30.00	80	10.00	79	0.	77	0.
192	90	80.00	87	50.00	84	30.00	81	10.00	79	0.	77	0.
198	91	80.00	87	50.00	84	30.00	81	10.00	79	0.	77	0.
204	91	80.00	87	50.00	84	20.00	81	0.	79	0.	78	0.

TABLE 7 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
210	91	80.00	88	50.00	84	20.00	82	0.	80	0.	78	0.
216	92	90.00	88	50.00	85	20.00	82	0.	80	0.	78	0.
222	93	90.00	88	40.00	84	0.	82	0.	81	0.	79	0.
228	93	90.00	88	40.00	84	0.	83	0.	81	0.	79	0.
234	0	100.00	87	20.00	85	0.	83	0.	81	0.	79	0.
240	93	90.00	86	0.	84	0.	83	0.	81	0.	79	0.
246	91	50.00	86	0.	84	0.	83	0.	81	0.	79	0.
252	90	0.	88	0.	86	0.	84	0.	82	0.	80	0.
258	93	0.	91	0.	89	0.	87	0.	85	0.	83	0.
264	92	0.	90	0.	88	0.	87	0.	85	0.	83	0.
270	92	0.	90	0.	88	0.	86	0.	85	0.	83	0.
276	92	0.	91	0.	89	0.	87	0.	85	0.	83	0.
282	93	0.	91	0.	89	0.	87	0.	85	0.	83	0.
288	92	0.	90	0.	88	0.	86	0.	84	0.	83	0.
294	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
300	89	0.	87	0.	86	0.	84	0.	82	0.	80	0.
306	90	30.00	86	0.	85	0.	83	0.	81	0.	79	0.
312	87	10.00	86	0.	84	0.	82	0.	80	0.	78	0.
318	0	100.00	85	0.	83	0.	82	0.	80	0.	78	0.
324	0	100.00	85	0.	83	0.	81	0.	79	0.	77	0.
330	0	100.00	84	10.00	83	0.	81	0.	79	0.	77	0.
336	0	100.00	85	20.00	82	0.	80	0.	78	0.	77	0.
342	0	100.00	84	10.00	82	0.	80	0.	78	0.	76	0.
348	0	100.00	86	40.00	82	0.	80	0.	78	0.	77	0.
354	0	100.00	86	50.00	82	0.	80	0.	78	0.	77	0.
360	0	100.00	86	50.00	82	0.	80	0.	79	0.	77	0.
AVERAGE SHIELDING		61.67		23.00		6.67		1.33		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		86		83		81		79		78

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 27

SHIELDING OF TARGET AT POSITION B
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
4	0	100.00	0	100.00	0	100.00	88	70,00	85	30,00	82	0,
9	0	100.00	0	100.00	0	100.00	88	70,00	85	30,00	82	0,
13	0	100.00	0	100.00	0	100.00	87	60,00	84	30,00	82	0,
18	0	100.00	0	100.00	0	100.00	88	70,00	85	30,00	82	0,
22	0	100.00	0	100.00	0	100.00	89	80,00	85	40,00	83	10,00
27	0	100.00	0	100.00	0	100.00	89	80,00	86	40,00	83	10,00
31	0	100.00	0	100.00	0	100.00	89	80,00	86	40,00	83	0,
36	0	100.00	0	100.00	0	100.00	88	60,00	84	20,00	83	0,
40	0	100.00	0	100.00	90	90,00	86	40,00	83	0,	82	0,
45	0	100.00	0	100.00	87	50,00	84	0,	83	0,	82	0,
49	0	100.00	90	90,00	86	30,00	84	0,	82	0,	81	0,
54	0	100.00	89	70,00	85	0,	83	0,	82	0,	81	0,
58	0	100.00	87	30,00	84	0,	83	0,	82	0,	80	0,
63	0	100.00	86	10,00	84	0,	83	0,	82	0,	80	0,
67	88	50,00	85	0,	84	0,	82	0,	81	0,	80	0,
72	88	30,00	86	0,	84	0,	83	0,	81	0,	80	0,
76	88	0,	86	0,	85	0,	83	0,	82	0,	81	0,
81	88	0,	86	0,	85	0,	84	0,	82	0,	81	0,
85	88	0,	86	0,	85	0,	83	0,	82	0,	81	0,
90	88	0,	86	0,	85	0,	83	0,	82	0,	81	0,
94	88	0,	86	0,	85	0,	83	0,	82	0,	81	0,
99	88	0,	86	0,	85	0,	84	0,	82	0,	81	0,
103	85	0,	84	0,	83	0,	81	0,	80	0,	78	0,
108	86	60,00	82	0,	81	0,	80	0,	78	0,	77	0,
112	87	90,00	82	0,	81	0,	80	0,	78	0,	77	0,
117	0	100.00	83	10,00	81	0,	80	0,	78	0,	77	0,
121	0	100.00	84	40,00	81	0,	80	0,	79	0,	77	0,
126	0	100.00	85	50,00	82	20,00	80	0,	79	0,	78	0,
130	0	100.00	86	60,00	83	30,00	81	10,00	79	0,	78	0,
135	0	100.00	86	70,00	84	40,00	81	10,00	79	0,	78	0,
139	0	100.00	87	70,00	84	50,00	82	30,00	80	10,00	78	0,
144	0	100.00	87	70,00	84	50,00	82	30,00	80	10,00	79	0,
148	0	100.00	87	70,00	85	50,00	82	30,00	81	20,00	79	0,
153	0	100.00	87	70,00	85	50,00	83	40,00	81	20,00	79	0,

TABLE 27 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
157	89	90.00	87	70.00	85	50.00	83	40.00	81	20.00	79	0.
162	90	90.00	87	70.00	85	50.00	83	40.00	81	20.00	79	10.00
166	90	90.00	87	70.00	85	50.00	83	30.00	81	20.00	79	0.
171	89	80.00	87	70.00	85	50.00	83	40.00	81	20.00	79	10.00
175	89	80.00	87	60.00	85	50.00	83	30.00	81	20.00	79	0.
180	90	80.00	87	60.00	85	50.00	84	40.00	81	20.00	80	10.00
184	90	80.00	87	60.00	85	40.00	83	30.00	81	20.00	80	0.
189	90	80.00	88	60.00	86	50.00	83	30.00	82	20.00	80	0.
193	90	70.00	88	60.00	85	40.00	84	30.00	81	10.00	80	0.
198	90	70.00	88	60.00	86	40.00	84	30.00	82	10.00	80	0.
202	90	70.00	88	60.00	86	40.00	84	20.00	82	10.00	80	0.
207	91	80.00	89	60.00	86	40.00	84	20.00	82	0.	81	0.
211	91	80.00	88	50.00	87	40.00	84	20.00	82	0.	81	0.
216	91	80.00	89	60.00	86	30.00	85	20.00	83	0.	81	0.
220	92	80.00	89	60.00	87	30.00	84	10.00	83	0.	82	0.
225	92	80.00	89	50.00	87	30.00	85	0.	83	0.	82	0.
229	93	90.00	90	50.00	87	30.00	85	0.	84	0.	82	0.
234	0	100.00	90	60.00	87	20.00	85	0.	84	0.	82	0.
238	0	100.00	90	40.00	87	0.	85	0.	84	0.	83	0.
243	0	100.00	89	30.00	87	0.	85	0.	84	0.	82	0.
247	0	100.00	88	0.	87	0.	85	0.	84	0.	82	0.
252	92	60.00	88	0.	87	0.	85	0.	84	0.	82	0.
256	91	0.	89	0.	88	0.	87	0.	85	0.	84	0.
261	92	0.	91	0.	90	0.	88	0.	87	0.	85	0.
265	92	0.	91	0.	89	0.	88	0.	86	0.	85	0.
270	92	0.	91	0.	89	0.	88	0.	86	0.	85	0.
274	92	0.	91	0.	89	0.	88	0.	86	0.	85	0.
279	93	0.	91	0.	90	0.	88	0.	87	0.	85	0.
283	92	0.	91	0.	89	0.	88	0.	87	0.	85	0.
288	91	10.00	90	0.	89	0.	87	0.	86	0.	84	0.
292	91	0.	89	0.	88	0.	86	0.	85	0.	83	0.
297	0	100.00	89	0.	87	0.	86	0.	84	0.	83	0.
301	0	100.00	88	0.	87	0.	86	0.	84	0.	83	0.
306	0	100.00	88	0.	87	0.	85	0.	84	0.	83	0.

TABLE 29 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
310	0	100.00	88	20.00	87	0.	85	0.	84	0.	82	0.
315	0	100.00	90	50.00	86	0.	85	0.	84	0.	82	0.
319	0	100.00	90	60.00	86	0.	85	0.	83	0.	82	0.
324	0	100.00	91	80.00	87	30.00	85	0.	83	0.	82	0.
328	0	100.00	0	100.00	88	60.00	85	10.00	83	0.	82	0.
333	0	100.00	0	100.00	89	80.00	86	30.00	83	0.	82	0.
337	0	100.00	0	100.00	89	80.00	86	40.00	83	0.	82	0.
342	0	100.00	0	100.00	90	90.00	87	50.00	84	10.00	82	0.
346	0	100.00	0	100.00	90	90.00	87	50.00	84	20.00	82	0.
351	0	100.00	0	100.00	0	100.00	88	60.00	85	30.00	83	0.
355	0	100.00	0	100.00	0	100.00	87	60.00	85	30.00	83	0.
360	0	100.00	0	100.00	0	100.00	88	70.00	85	30.00	83	0.
AVERAGE SHIELDING		73.37		48.50		34.00		19.50		7.87		0.62
AVERAGE TARGET CONTACT ANGLE		90		88		86		85		83		81

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 37

SHIELDING OF TARGET AT POSITION B
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
3	0	100.00	0	100.00	0	100.00	0	100,00	90	90,00	88	70,00
7	0	100.00	0	100.00	0	100.00	0	100,00	90	90,00	87	60,00
10	0	100.00	0	100.00	0	100.00	0	100,00	89	90,00	87	60,00
14	0	100.00	0	100.00	0	100.00	0	100,00	89	90,00	87	60,00
18	0	100.00	0	100.00	0	100.00	0	100,00	89	90,00	87	60,00
21	0	100.00	0	100.00	0	100.00	0	100,00	89	90,00	87	60,00
25	0	100.00	0	100.00	0	100.00	0	100,00	89	90,00	87	60,00
28	0	100.00	0	100.00	0	100.00	0	100,00	89	80,00	87	50,00
32	0	100.00	0	100.00	0	100.00	0	100,00	89	80,00	87	50,00
36	0	100.00	0	100.00	0	100.00	0	100,00	89	80,00	87	50,00
39	0	100.00	0	100.00	0	100.00	0	100,00	0	100,00	88	70,00
43	0	100.00	0	100.00	0	100.00	0	100,00	0	100,00	88	60,00
46	0	100.00	0	100.00	0	100.00	0	100,00	89	80,00	87	40,00
50	0	100.00	0	100.00	0	100.00	90	90,00	88	50,00	86	20,00
54	0	100.00	0	100.00	0	100.00	89	70,00	86	30,00	85	0,
57	0	100.00	0	100.00	90	90.00	87	40,00	85	0,	84	0,
61	0	100.00	0	100.00	88	50.00	85	0,	84	0,	83	0,
64	0	100.00	89	70.00	86	0.	85	0,	84	0,	82	0,
68	0	100.00	88	40.00	86	0.	85	0,	84	0,	82	0,
72	89	50.00	86	0.	85	0.	84	0,	83	0,	82	0,
75	88	30.00	86	0.	85	0.	84	0,	83	0,	82	0,
79	88	0.	87	0.	85	0.	84	0,	83	0,	82	0,
82	88	0.	87	0.	86	0.	84	0,	83	0,	82	0,
86	88	0.	87	0.	85	0.	84	0,	83	0,	82	0,
90	88	0.	86	0.	85	0.	84	0,	83	0,	82	0,
93	88	0.	86	0.	85	0.	84	0,	83	0,	82	0,
97	88	0.	87	0.	85	0.	84	0,	83	0,	82	0,
100	86	0.	84	0.	83	0.	82	0,	81	0,	80	0,
104	85	40.00	83	0.	82	0.	81	0,	80	0,	79	0,
108	87	90.00	83	0.	82	0.	81	0,	80	0,	79	0,
111	0	100.00	84	30.00	82	0.	81	0,	80	0,	79	0,
115	0	100.00	85	50.00	83	0.	81	0,	80	0,	79	0,
118	0	100.00	86	60.00	83	20.00	82	0,	81	0,	79	0,
122	0	100.00	86	70.00	84	40.00	82	10,00	81	0,	80	0,

TABLE 27 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
126	0	100.00	87	80.00	85	50.00	83	30.00	81	10.00	80	0.
129	0	100.00	87	80.00	85	60.00	83	40.00	82	20.00	80	0.
133	0	100.00	87	80.00	86	60.00	84	40.00	82	30.00	80	10.00
136	0	100.00	87	80.00	86	60.00	84	50.00	82	30.00	81	10.00
140	0	100.00	88	90.00	86	70.00	84	50.00	83	30.00	81	20.00
144	0	100.00	88	80.00	86	70.00	84	50.00	83	40.00	81	20.00
147	0	100.00	88	80.00	86	70.00	85	50.00	83	40.00	82	30.00
151	0	100.00	88	80.00	87	70.00	85	50.00	83	40.00	82	30.00
154	0	100.00	88	80.00	87	70.00	85	50.00	83	40.00	82	30.00
158	0	100.00	88	80.00	86	60.00	85	50.00	83	40.00	82	30.00
162	0	100.00	88	80.00	86	60.00	85	50.00	83	40.00	82	30.00
165	0	100.00	88	70.00	86	60.00	85	50.00	83	40.00	82	20.00
169	0	100.00	88	70.00	86	60.00	85	50.00	83	40.00	82	30.00
172	90	90.00	88	70.00	86	60.00	85	50.00	84	40.00	82	30.00
176	89	80.00	88	70.00	86	50.00	85	40.00	83	30.00	82	20.00
180	89	80.00	88	70.00	87	60.00	85	50.00	84	40.00	82	20.00
183	90	80.00	88	60.00	86	50.00	85	40.00	83	30.00	82	20.00
187	89	70.00	88	60.00	86	50.00	85	40.00	83	30.00	82	20.00
190	89	70.00	88	60.00	86	50.00	85	40.00	83	30.00	82	20.00
194	89	70.00	88	60.00	86	40.00	85	30.00	83	20.00	82	10.00
198	90	70.00	88	60.00	86	40.00	85	30.00	83	20.00	82	10.00
201	90	70.00	88	60.00	86	40.00	85	30.00	83	20.00	82	10.00
205	90	70.00	89	60.00	87	50.00	85	30.00	84	20.00	82	10.00
208	90	70.00	89	60.00	87	50.00	85	30.00	84	20.00	83	10.00
212	91	70.00	89	60.00	87	40.00	86	30.00	84	20.00	83	0.
216	91	70.00	89	60.00	87	40.00	86	30.00	85	20.00	83	0.
219	91	70.00	90	60.00	88	40.00	86	30.00	84	10.00	83	0.
223	91	70.00	89	50.00	88	40.00	86	20.00	85	10.00	83	0.
226	92	80.00	90	60.00	88	40.00	86	20.00	85	0.	84	0.
230	92	80.00	90	60.00	88	40.00	87	20.00	85	0.	84	0.
234	92	80.00	90	60.00	88	30.00	86	10.00	85	0.	84	0.
237	92	80.00	91	60.00	88	30.00	87	0.	85	0.	84	0.
241	93	90.00	90	50.00	88	20.00	87	0.	86	0.	85	0.
244	93	90.00	91	50.00	88	10.00	87	0.	86	0.	85	0.

TABLE 27 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
248	93	90.00	90	30.00	88	0.	87	0.	86	0.	85	0.
252	0	100.00	89	0.	88	0.	87	0.	86	0.	84	0.
255	92	80.00	89	0.	88	0.	87	0.	85	0.	84	0.
259	91	0.	90	0.	88	0.	87	0.	86	0.	85	0.
262	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
266	92	0.	91	0.	90	0.	89	0.	87	0.	86	0.
270	92	0.	91	0.	90	0.	89	0.	87	0.	86	0.
273	92	0.	91	0.	90	0.	89	0.	87	0.	86	0.
277	92	10.00	91	0.	90	0.	89	0.	88	0.	87	0.
280	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
284	92	10.00	91	0.	90	0.	88	0.	87	0.	86	0.
288	92	30.00	90	0.	89	0.	88	0.	87	0.	86	0.
291	0	100.00	90	0.	89	0.	88	0.	87	0.	85	0.
295	0	100.00	90	20.00	89	0.	88	0.	87	0.	86	0.
298	0	100.00	91	50.00	89	0.	88	0.	87	0.	85	0.
302	0	100.00	93	90.00	90	20.00	88	0.	87	0.	86	0.
306	0	100.00	0	100.00	90	40.00	88	0.	87	0.	86	0.
309	0	100.00	0	100.00	90	50.00	88	0.	87	0.	86	0.
313	0	100.00	0	100.00	90	60.00	88	10.00	86	0.	85	0.
316	0	100.00	0	100.00	90	60.00	88	20.00	86	0.	85	0.
320	0	100.00	0	100.00	90	60.00	87	30.00	86	0.	84	0.
324	0	100.00	91	90.00	89	50.00	86	20.00	85	0.	84	0.
327	0	100.00	0	100.00	89	70.00	87	40.00	85	10.00	84	0.
331	0	100.00	0	100.00	89	70.00	87	40.00	85	20.00	84	0.
334	0	100.00	0	100.00	90	90.00	88	60.00	86	30.00	84	10.00
338	0	100.00	0	100.00	0	100.00	89	80.00	87	50.00	85	20.00
342	0	100.00	0	100.00	0	100.00	0	100.00	88	70.00	86	40.00
345	0	100.00	0	100.00	0	100.00	0	100.00	89	80.00	88	60.00
349	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	88	70.00
352	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	88	70.00
356	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	88	70.00
360	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	88	70.00
AVERAGE SHIELDING		77.40		60.90		46.60		35.90		26.90		16.20
AVERAGE TARGET CONTACT ANGLE		90		88		87		86		85		84

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8 (27)

SHIELDING OF TARGET AT POSITION B
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
6	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
9	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
12	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
15	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
18	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
21	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
24	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
27	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
30	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
33	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
36	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
39	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	90	90.00
42	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	90	90.00
45	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	90	90.00
48	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	90	90.00
51	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	90	90.00
54	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	90	90.00
57	0	100.00	0	100.00	0	100.00	0	100.00	90	90.00	88	60.00
60	0	100.00	0	100.00	0	100.00	0	100.00	88	60.00	87	30.00
63	0	100.00	0	100.00	0	100.00	88	60.00	86	20.00	85	0.
66	0	100.00	90	90.00	88	40.00	86	0.	85	0.	84	0.
69	0	100.00	88	40.00	86	0.	85	0.	84	0.	83	0.
72	0	100.00	87	10.00	86	0.	85	0.	84	0.	83	0.
75	88	20.00	87	0.	86	0.	85	0.	84	0.	83	0.
78	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
81	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
84	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
87	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
90	87	0.	86	0.	86	0.	85	0.	84	0.	83	0.
93	87	0.	87	0.	86	0.	85	0.	84	0.	83	0.
96	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
99	86	0.	85	0.	84	0.	83	0.	82	0.	81	0.
102	0	100.00	84	0.	83	0.	82	0.	81	0.	80	0.

TABLE 27 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
105	0	100.00	84	0.	83	0.	82	0.	81	0.	80	0.
108	0	100.00	85	40.00	83	0.	82	0.	81	0.	81	0.
111	0	100.00	86	60.00	84	20.00	83	0.	82	0.	81	0.
114	0	100.00	86	70.00	85	40.00	83	0.	82	0.	81	0.
117	0	100.00	87	80.00	85	50.00	83	20.00	82	0.	81	0.
120	0	100.00	87	80.00	86	60.00	84	30.00	82	10.00	81	0.
123	0	100.00	88	90.00	86	60.00	84	40.00	83	20.00	82	0.
126	0	100.00	88	90.00	86	70.00	85	50.00	83	30.00	82	20.00
129	0	100.00	88	90.00	86	70.00	85	60.00	84	40.00	82	20.00
132	0	100.00	88	90.00	87	70.00	85	60.00	84	50.00	83	30.00
135	0	100.00	88	90.00	87	80.00	86	60.00	84	50.00	83	30.00
138	0	100.00	0	100.00	88	80.00	86	70.00	85	60.00	84	40.00
141	0	100.00	0	100.00	88	90.00	87	80.00	86	60.00	84	50.00
144	0	100.00	0	100.00	89	90.00	87	80.00	86	60.00	85	50.00
147	0	100.00	0	100.00	88	80.00	87	70.00	86	60.00	84	50.00
150	0	100.00	89	90.00	88	80.00	87	70.00	85	60.00	84	50.00
153	0	100.00	89	90.00	88	80.00	87	70.00	85	60.00	84	50.00
156	0	100.00	89	90.00	88	80.00	87	70.00	86	60.00	84	50.00
159	0	100.00	89	90.00	88	80.00	87	70.00	86	60.00	84	50.00
162	0	100.00	89	90.00	88	70.00	87	60.00	85	50.00	84	40.00
165	0	100.00	89	80.00	88	70.00	87	60.00	85	50.00	84	40.00
168	0	100.00	89	80.00	88	70.00	87	60.00	85	50.00	84	40.00
171	0	100.00	89	80.00	88	70.00	87	60.00	85	50.00	84	40.00
174	0	100.00	89	80.00	88	70.00	87	60.00	85	50.00	84	40.00
177	0	100.00	89	70.00	87	60.00	86	50.00	85	50.00	84	40.00
180	0	100.00	89	70.00	87	60.00	86	60.00	85	50.00	84	40.00
183	0	100.00	88	70.00	87	60.00	86	50.00	85	40.00	84	30.00
186	0	100.00	88	70.00	87	60.00	86	50.00	85	40.00	83	30.00
189	90	90.00	88	60.00	87	60.00	86	50.00	85	40.00	83	30.00
192	90	80.00	88	60.00	87	50.00	86	40.00	85	40.00	83	30.00
195	90	80.00	88	60.00	87	50.00	86	40.00	84	30.00	83	20.00
198	89	70.00	88	60.00	87	50.00	86	40.00	84	30.00	83	20.00
201	89	70.00	88	60.00	87	50.00	86	40.00	84	30.00	83	20.00
204	90	70.00	88	60.00	87	50.00	86	40.00	85	30.00	83	20.00

TABLE 3/8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
207	90	70,00	88	60,00	87	50,00	86	30,00	84	20,00	83	10,00
210	90	70.00	88	50.00	87	40,00	86	30.00	85	20,00	83	10,00
213	90	60,00	88	50,00	87	40,00	86	30,00	85	20,00	84	10,00
216	90	70,00	89	50.00	88	40,00	86	30,00	85	20,00	84	10,00
219	91	70,00	89	50,00	88	40,00	87	30,00	85	20,00	84	10,00
222	91	70,00	89	50,00	88	40,00	87	30,00	86	20,00	84	10,00
225	91	70.00	90	50,00	88	40,00	87	30,00	86	10,00	85	0,
228	91	70.00	90	60.00	88	40,00	87	30,00	86	10,00	85	0,
231	91	70,00	90	50,00	89	40,00	87	20,00	86	10,00	85	0,
234	92	70,00	90	60,00	89	40,00	87	20,00	86	10,00	85	0,
237	92	80,00	91	60,00	89	40,00	88	20,00	86	0,	85	0,
240	92	80,00	90	50,00	89	30,00	87	10,00	86	0,	85	0,
243	92	80,00	91	50,00	89	30,00	88	0,	87	0,	86	0,
246	93	80,00	91	50,00	89	20,00	88	0,	87	0,	86	0,
249	93	90,00	91	50,00	89	10,00	88	0,	87	0,	86	0,
252	93	80,00	90	20,00	89	0,	88	0,	87	0,	86	0,
255	92	80,00	90	0,	89	0,	88	0,	87	0,	86	0,
258	92	60,00	89	0,	88	0,	88	0,	87	0,	86	0,
261	91	0,	90	0,	89	0,	88	0,	88	0,	87	0,
264	92	10,00	91	0,	90	0,	89	0,	88	0,	87	0,
267	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,
270	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,
273	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,
276	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,
279	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,
282	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,
285	92	0,	91	0,	90	0,	89	0,	88	0,	87	0,
288	93	60,00	91	0,	90	0,	89	0,	88	0,	87	0,
291	0	100,00	92	30,00	90	0,	89	0,	88	0,	87	0,
294	0	100,00	0	100,00	91	20,00	90	0,	89	0,	88	0,
297	0	100,00	0	100,00	93	80,00	90	20,00	89	0,	88	0,
300	0	100,00	0	100,00	0	100,00	91	50,00	89	10,00	88	0,
303	0	100,00	0	100,00	0	100,00	92	70,00	90	30,00	88	0,
306	0	100,00	0	100,00	0	100,00	92	80,00	90	40,00	88	10,00

TABLE 27 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
309	0	100.00	0	100.00	0	100.00	92	80.00	90	50.00	88	10.00
312	0	100.00	0	100.00	0	100.00	92	80.00	90	50.00	88	20.00
315	0	100.00	0	100.00	0	100.00	91	80.00	89	50.00	88	20.00
318	0	100.00	0	100.00	92	90.00	90	70.00	89	40.00	87	10.00
321	0	100.00	0	100.00	91	90.00	90	60.00	88	40.00	86	10.00
324	0	100.00	0	100.00	90	80.00	89	60.00	87	30.00	86	10.00
327	0	100.00	0	100.00	90	70.00	88	50.00	86	30.00	85	10.00
330	0	100.00	91	90.00	89	70.00	87	40.00	86	30.00	84	10.00
333	0	100.00	0	100.00	90	90.00	89	70.00	87	50.00	86	30.00
336	0	100.00	0	100.00	0	100.00	90	90.00	89	70.00	87	50.00
339	0	100.00	0	100.00	0	100.00	0	100.00	90	90.00	89	70.00
342	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	90	80.00
345	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
348	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
351	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
354	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
357	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
360	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
AVERAGE SHIELDING		79.75		66.33		57.08		47.75		39.58		31.67
AVERAGE TARGET CONTACT ANGLE		90		89		88		87		86		85

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 27

SHIELDING OF TARGET AT POSITION B
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
5	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
7	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
10	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
12	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
15	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
18	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
20	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
23	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
25	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
28	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
30	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
33	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
36	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
38	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
41	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
43	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
46	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
48	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
51	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	90	80,00
54	0	100,00	0	100,00	0	100,00	0	100,00	90	90,00	89	70,00
56	0	100,00	0	100,00	0	100,00	90	90,00	89	70,00	87	40,00
59	0	100,00	0	100,00	0	100,00	89	70,00	88	50,00	86	20,00
61	0	100,00	0	100,00	89	80,00	88	50,00	86	20,00	85	0,
64	0	100,00	0	100,00	89	60,00	87	30,00	86	0,	85	0,
66	0	100,00	89	70,00	88	40,00	86	0,	85	0,	85	0,
69	89	70,00	88	30,00	86	0,	86	0,	85	0,	84	0,
72	89	50,00	87	0,	86	0,	85	0,	85	0,	84	0,
74	88	40,00	87	0,	86	0,	85	0,	84	0,	84	0,
77	88	10,00	87	0,	86	0,	85	0,	84	0,	84	0,
79	88	0,	87	0,	86	0,	85	0,	84	0,	84	0,
82	88	10,00	87	0,	86	0,	85	0,	85	0,	84	0,
84	88	0,	87	0,	86	0,	85	0,	84	0,	84	0,
87	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,

AD-A040 173 ARMY ENGINEER WATERWAYS EXPERIMENT STATION VICKSBURG MISS F/G 18/6
ANALYTICAL STUDY OF GROUND-SURFACE SHIELDING CHARACTERISTICS OF--ETC(U)
JUN 74 H W WEST, P L DOIRON, J A PARKS

UNCLASSIFIED WES-TR-M-74-4-VOL-2 NL

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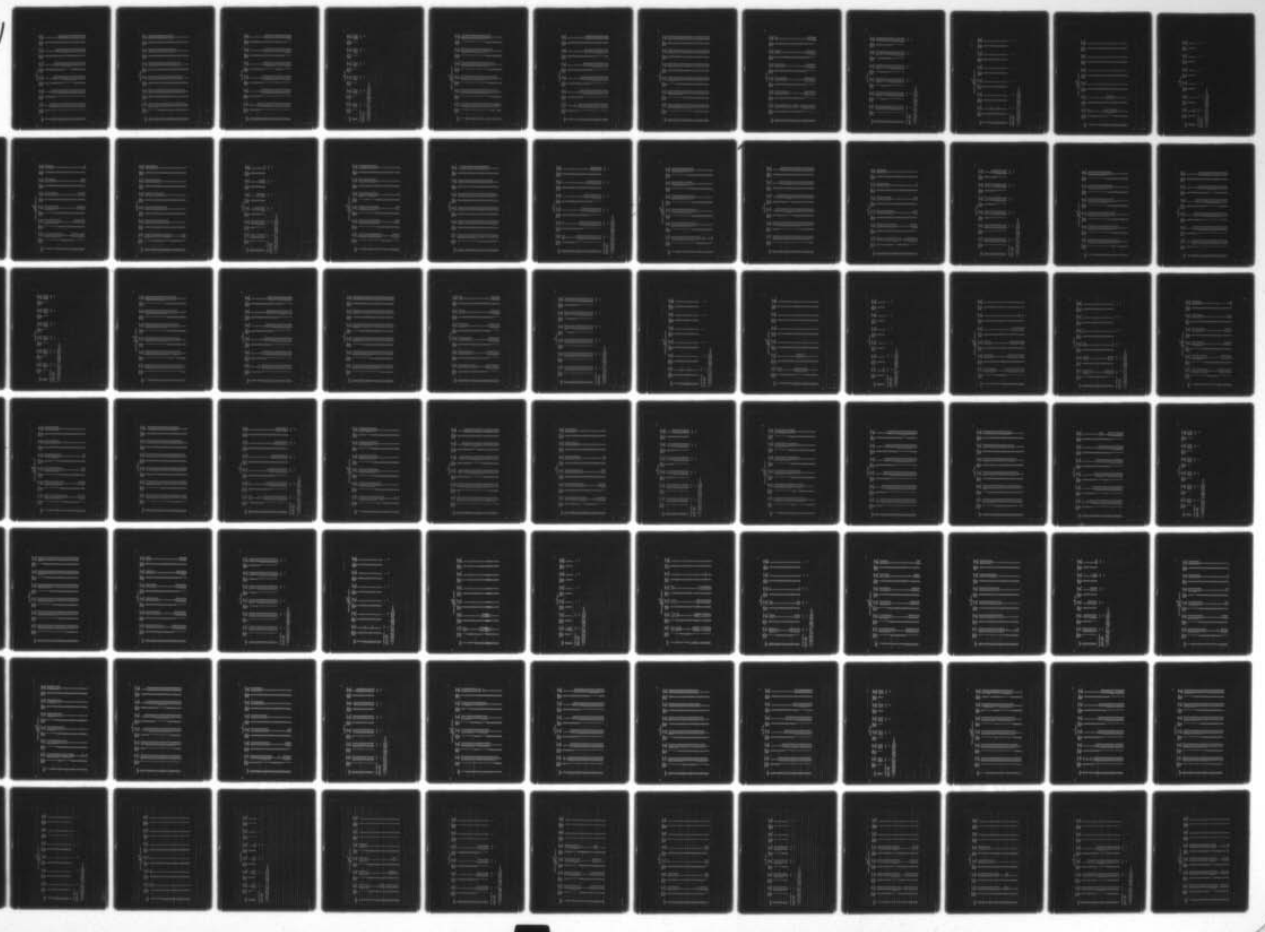

TABLE 27 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
90	87	0.	87	0.	86	0.	85	0.	84	0.	83	0.
92	87	0.	87	0.	86	0.	85	0.	84	0.	83	0.
95	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
97	86	0.	85	0.	84	0.	84	0.	83	0.	82	0.
100	0	100.00	85	0.	84	0.	83	0.	82	0.	81	0.
102	0	100.00	85	20.00	84	0.	83	0.	82	0.	82	0.
105	0	100.00	86	60.00	84	0.	83	0.	82	0.	82	0.
108	0	100.00	87	80.00	85	30.00	83	0.	83	0.	82	0.
110	0	100.00	87	90.00	85	50.00	84	20.00	83	0.	82	0.
113	0	100.00	87	90.00	86	60.00	84	30.00	83	10.00	82	0.
115	0	100.00	0	100.00	86	70.00	85	50.00	84	30.00	82	0.
118	0	100.00	0	100.00	87	70.00	85	50.00	84	30.00	83	10.00
120	0	100.00	0	100.00	87	80.00	86	60.00	84	40.00	83	20.00
123	0	100.00	0	100.00	87	80.00	86	60.00	85	50.00	83	30.00
126	0	100.00	0	100.00	88	90.00	86	70.00	85	60.00	84	40.00
128	0	100.00	0	100.00	0	100.00	87	80.00	86	70.00	85	60.00
131	0	100.00	0	100.00	0	100.00	0	100.00	88	90.00	87	70.00
133	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	87	80.00
136	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	88	80.00
138	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00	87	80.00
141	0	100.00	0	100.00	0	100.00	0	100.00	88	90.00	87	80.00
144	0	100.00	0	100.00	0	100.00	0	100.00	88	90.00	87	70.00
146	0	100.00	0	100.00	0	100.00	89	90.00	88	80.00	87	70.00
149	0	100.00	0	100.00	0	100.00	89	90.00	88	80.00	87	70.00
151	0	100.00	0	100.00	0	100.00	89	90.00	88	80.00	86	70.00
154	0	100.00	0	100.00	89	90.00	88	80.00	87	70.00	86	60.00
156	0	100.00	0	100.00	89	90.00	88	80.00	87	70.00	86	60.00
159	0	100.00	0	100.00	89	90.00	88	80.00	87	70.00	86	60.00
162	0	100.00	0	100.00	89	90.00	88	80.00	87	70.00	86	60.00
164	0	100.00	0	100.00	89	80.00	88	70.00	87	70.00	86	60.00
167	0	100.00	0	100.00	89	80.00	88	70.00	87	60.00	86	60.00
169	0	100.00	0	100.00	89	80.00	88	70.00	87	60.00	86	60.00
172	0	100.00	0	100.00	89	80.00	88	70.00	87	60.00	86	50.00
174	0	100.00	90	90.00	89	70.00	88	70.00	87	60.00	86	50.00

TABLE 29 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
177	0	100.00	89	80.00	88	70.00	87	60.00	87	60.00	85	50.00
180	0	100.00	89	80.00	88	70.00	87	60.00	86	60.00	85	50.00
182	0	100.00	89	70.00	88	70.00	87	60.00	86	50.00	85	40.00
185	0	100.00	89	70.00	88	60.00	87	50.00	86	50.00	85	40.00
187	0	100.00	89	70.00	88	60.00	87	50.00	86	50.00	85	40.00
190	0	100.00	89	70.00	88	60.00	87	50.00	86	50.00	85	40.00
192	0	100.00	88	60.00	88	60.00	87	50.00	85	40.00	84	30.00
195	0	100.00	88	60.00	87	50.00	87	50.00	85	40.00	84	30.00
198	0	100.00	88	60.00	87	50.00	86	40.00	85	40.00	84	30.00
200	90	90.00	88	60.00	87	50.00	86	40.00	85	30.00	84	30.00
203	89	70.00	88	60.00	87	50.00	86	40.00	85	30.00	84	20.00
205	89	60.00	88	60.00	87	50.00	86	40.00	85	30.00	84	20.00
208	89	60.00	88	60.00	87	50.00	86	40.00	85	30.00	84	20.00
210	89	60.00	88	50.00	88	50.00	86	40.00	85	30.00	84	20.00
213	90	60.00	88	50.00	87	40.00	87	40.00	86	30.00	84	20.00
216	90	60.00	89	50.00	88	40.00	86	30.00	85	20.00	85	20.00
218	90	60.00	89	50.00	88	40.00	87	30.00	86	20.00	85	10.00
221	90	60.00	89	50.00	88	40.00	87	30.00	86	20.00	85	10.00
223	90	60.00	89	50.00	88	40.00	87	30.00	86	20.00	85	10.00
226	90	60.00	89	50.00	88	40.00	87	30.00	86	20.00	85	10.00
228	91	60.00	90	50.00	89	40.00	88	30.00	86	20.00	85	10.00
231	91	70.00	90	50.00	89	40.00	88	30.00	86	10.00	85	0.
234	91	70.00	90	50.00	89	40.00	88	30.00	87	10.00	86	0.
236	91	70.00	90	50.00	89	40.00	88	20.00	87	10.00	86	0.
239	92	70.00	90	50.00	89	30.00	88	20.00	87	0.	86	0.
241	92	70.00	90	50.00	89	30.00	88	10.00	87	0.	86	0.
244	92	70.00	91	50.00	89	30.00	88	10.00	87	0.	86	0.
246	92	70.00	91	50.00	89	20.00	88	0.	87	0.	86	0.
249	92	80.00	91	50.00	89	20.00	88	0.	87	0.	87	0.
252	92	70.00	90	30.00	89	0.	88	0.	87	0.	87	0.
254	92	70.00	90	10.00	89	0.	88	0.	87	0.	87	0.
257	92	60.00	90	0.	89	0.	88	0.	87	0.	87	0.
259	92	50.00	90	0.	89	0.	88	0.	87	0.	87	0.
262	91	0.	91	0.	90	0.	89	0.	88	0.	87	0.

TABLE 27 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
264	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
267	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
270	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
272	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
275	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
277	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
280	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
282	92	10.00	91	0.	90	0.	89	0.	89	0.	88	0.
285	93	40.00	91	0.	90	0.	89	0.	89	0.	88	0.
288	0	100.00	91	10.00	91	0.	90	0.	89	0.	88	0.
290	0	100.00	0	100.00	93	50.00	91	0.	90	0.	89	0.
293	0	100.00	0	100.00	0	100.00	93	70.00	91	20.00	90	0.
295	0	100.00	0	100.00	0	100.00	94	90.00	92	50.00	90	10.00
298	0	100.00	0	100.00	0	100.00	0	100.00	92	60.00	91	30.00
300	0	100.00	0	100.00	0	100.00	0	100.00	93	80.00	91	40.00
303	0	100.00	0	100.00	0	100.00	0	100.00	93	80.00	91	50.00
306	0	100.00	0	100.00	0	100.00	0	100.00	93	90.00	91	60.00
308	0	100.00	0	100.00	0	100.00	0	100.00	93	90.00	91	60.00
311	0	100.00	0	100.00	0	100.00	0	100.00	92	90.00	91	70.00
313	0	100.00	0	100.00	0	100.00	0	100.00	92	80.00	90	60.00
316	0	100.00	0	100.00	0	100.00	0	100.00	91	70.00	90	50.00
318	0	100.00	0	100.00	0	100.00	91	80.00	90	60.00	89	40.00
321	0	100.00	0	100.00	0	100.00	91	80.00	89	60.00	88	40.00
324	0	100.00	0	100.00	91	90.00	90	70.00	89	60.00	88	40.00
326	0	100.00	0	100.00	91	90.00	90	80.00	89	60.00	87	40.00
329	0	100.00	0	100.00	0	100.00	90	80.00	89	60.00	87	40.00
331	0	100.00	0	100.00	0	100.00	90	80.00	89	70.00	87	50.00
334	0	100.00	0	100.00	0	100.00	90	90.00	89	70.00	88	60.00
336	0	100.00	0	100.00	0	100.00	0	100.00	90	90.00	89	70.00
339	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	90	90.00
342	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
344	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
347	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
349	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00

TABLE 27 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
352	0	100.00	0	100.00	0	100.00	0	100,00	0	100,00	0	100,00
354	0	100.00	0	100,00	0	100.00	0	100,00	0	100,00	0	100,00
357	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
360	0	100.00	0	100.00	0	100.00	0	100,00	0	100,00	0	100,00
AVERAGE SHIELDING		80,14		70,29		63,00		55,93		48,71		40,79
AVERAGE TARGET CONTACT ANGLE		90		89		88		87		87		86

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 3

SHIELDING OF TARGET AT POSITION B
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARSET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
2	0	100,00	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00
4	0	100,00	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00
6	0	100,00	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00
9	0	100,00	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00
11	0	100,00	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00
13	0	100,00	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00
15	0	100,00	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00
18	0	100,00	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00
20	0	100,00	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00
22	0	100,00	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00
24	0	100,00	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00
27	0	100,00	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00
29	0	100,00	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00
31	0	100,00	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00
33	0	100,00	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00
36	0	100,00	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00
38	0	100,00	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00
40	0	100,00	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00
42	0	100,00	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00
45	0	100,00	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00
47	0	100,00	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00
49	0	100,00	0	100.00	0	100,00	0	100,00	90	90,00	89	70,00
51	0	100,00	0	100.00	0	100,00	90	90,00	89	70,00	88	60,00
54	0	100,00	0	100.00	90	90,00	89	70,00	88	60,00	87	40,00
56	0	100,00	0	100.00	90	80,00	88	60,00	87	40,00	86	20,00
58	0	100,00	90	80.00	89	60,00	87	40,00	86	20,00	85	0,
60	90	90,00	89	70.00	88	50,00	86	20,00	85	0,	85	0,
63	90	90,00	89	60.00	87	40,00	86	10,00	85	0,	85	0,
65	0	100,00	88	50,00	87	30,00	86	0,	85	0,	84	0,
67	0	100,00	88	40,00	87	10,00	86	0,	85	0,	85	0,
69	0	100,00	87	20,00	87	0,	86	0,	85	0,	84	0,
72	88	30,00	87	0,	86	0,	86	0,	85	0,	84	0,
74	88	10,00	87	0,	86	0,	85	0,	85	0,	84	0,
76	87	0,	87	0,	86	0,	85	0,	85	0,	84	0,

TABLE 27 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
78	87	0.	87	0.	86	0.	85	0.	85	0.	84	0.
81	87	0.	87	0.	86	0.	85	0.	85	0.	84	0.
83	88	0.	87	0.	86	0.	85	0.	85	0.	84	0.
85	88	0.	87	0.	86	0.	85	0.	85	0.	84	0.
87	87	0.	87	0.	86	0.	85	0.	85	0.	84	0.
90	87	0.	87	0.	86	0.	85	0.	85	0.	84	0.
92	88	20.00	87	0.	86	0.	85	0.	85	0.	84	0.
94	87	0.	87	0.	86	0.	85	0.	85	0.	84	0.
96	86	0.	86	0.	85	0.	84	0.	83	0.	83	0.
99	0	100.00	85	0.	84	0.	84	0.	83	0.	82	0.
101	0	100.00	86	30.00	84	0.	84	0.	83	0.	82	0.
103	0	100.00	87	70.00	85	10.00	84	0.	83	0.	82	0.
105	0	100.00	87	90.00	85	40.00	84	0.	83	0.	83	0.
108	0	100.00	0	100.00	86	60.00	85	30.00	84	0.	83	0.
110	0	100.00	0	100.00	86	70.00	85	50.00	84	20.00	83	0.
112	0	100.00	0	100.00	87	80.00	86	60.00	84	30.00	83	10.00
114	0	100.00	0	100.00	87	80.00	86	60.00	85	40.00	84	20.00
117	0	100.00	0	100.00	87	90.00	86	70.00	85	50.00	84	30.00
119	0	100.00	0	100.00	88	90.00	87	70.00	86	60.00	84	40.00
121	0	100.00	0	100.00	0	100.00	87	80.00	86	70.00	85	50.00
123	0	100.00	0	100.00	0	100.00	88	90.00	87	70.00	86	60.00
126	0	100.00	0	100.00	0	100.00	0	100.00	87	80.00	86	70.00
128	0	100.00	0	100.00	0	100.00	0	100.00	88	90.00	87	80.00
130	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	88	80.00
132	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	88	90.00
135	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	88	90.00
137	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	88	90.00
139	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00
141	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00
144	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00
146	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	88	90.00
148	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00	88	80.00
150	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00	88	80.00
153	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00	88	80.00

TABLE 29 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
155	0	100.00	0	100.00	0	100.00	89	90.00	89	80.00	88	80.00
157	0	100.00	0	100.00	0	100.00	89	90.00	88	80.00	88	70.00
159	0	100.00	0	100.00	0	100.00	89	90.00	88	80.00	88	70.00
162	0	100.00	0	100.00	0	100.00	89	90.00	88	80.00	88	70.00
164	0	100.00	0	100.00	0	100.00	89	80.00	88	80.00	87	70.00
166	0	100.00	0	100.00	0	100.00	89	80.00	88	70.00	87	70.00
168	0	100.00	0	100.00	0	100.00	89	80.00	88	70.00	87	70.00
171	0	100.00	0	100.00	90	90.00	89	80.00	88	70.00	87	60.00
173	0	100.00	0	100.00	90	80.00	89	80.00	88	70.00	87	60.00
175	0	100.00	0	100.00	89	80.00	88	70.00	88	70.00	87	60.00
177	0	100.00	0	100.00	89	80.00	88	70.00	87	60.00	87	60.00
180	0	100.00	0	100.00	89	80.00	88	70.00	87	60.00	87	60.00
182	0	100.00	0	100.00	89	70.00	88	70.00	87	60.00	86	50.00
184	0	100.00	90	90.00	89	70.00	88	60.00	87	60.00	86	50.00
186	0	100.00	90	80.00	89	70.00	88	60.00	87	50.00	86	50.00
189	0	100.00	89	70.00	89	70.00	88	60.00	87	50.00	86	50.00
191	0	100.00	89	70.00	88	60.00	88	60.00	87	50.00	86	50.00
193	0	100.00	89	70.00	88	60.00	87	50.00	87	50.00	86	40.00
195	0	100.00	89	70.00	88	60.00	87	50.00	86	50.00	86	40.00
198	0	100.00	89	60.00	88	60.00	87	50.00	86	40.00	85	40.00
200	0	100.00	89	60.00	88	50.00	87	50.00	86	40.00	85	30.00
202	0	100.00	89	60.00	88	50.00	87	50.00	86	40.00	85	30.00
204	90	90.00	89	60.00	88	50.00	87	40.00	86	40.00	85	30.00
207	90	80.00	89	60.00	88	50.00	87	40.00	86	40.00	85	30.00
209	90	70.00	89	60.00	88	50.00	87	40.00	86	40.00	85	30.00
211	89	60.00	88	50.00	88	40.00	87	40.00	86	30.00	85	20.00
213	89	60.00	88	50.00	88	50.00	87	40.00	86	30.00	85	20.00
216	89	60.00	89	50.00	88	40.00	87	30.00	86	30.00	85	20.00
218	90	60.00	89	50.00	88	40.00	87	30.00	86	20.00	85	20.00
220	90	60.00	89	50.00	88	40.00	87	30.00	86	30.00	85	20.00
222	90	60.00	89	50.00	88	40.00	87	30.00	86	20.00	85	10.00
225	90	60.00	89	50.00	88	40.00	87	30.00	86	20.00	85	10.00
227	90	60.00	89	50.00	88	40.00	87	30.00	86	20.00	86	10.00
229	90	60.00	90	50.00	89	40.00	88	30.00	87	20.00	86	10.00

TABLE 27 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
231	91	60.00	90	50.00	89	40.00	88	30.00	87	20.00	86	10.00
234	91	60.00	90	50.00	89	40.00	88	30.00	87	20.00	86	10.00
236	91	70.00	90	50.00	89	40.00	88	30.00	87	10.00	86	0.
238	91	60.00	90	50.00	89	40.00	88	20.00	87	10.00	86	0.
240	91	60.00	90	50.00	89	30.00	88	20.00	87	10.00	87	0.
243	92	70.00	90	50.00	89	30.00	88	20.00	87	0.	87	0.
245	92	70.00	91	50.00	89	30.00	88	10.00	88	0.	87	0.
247	92	70.00	91	50.00	90	30.00	88	10.00	88	0.	87	0.
249	92	70.00	91	40.00	89	20.00	89	0.	88	0.	87	0.
252	92	70.00	91	40.00	89	10.00	89	0.	88	0.	87	0.
254	92	70.00	91	30.00	89	0.	89	0.	88	0.	87	0.
256	92	60.00	90	10.00	89	0.	89	0.	88	0.	87	0.
258	92	70.00	90	0.	89	0.	89	0.	88	0.	87	0.
261	92	50.00	90	0.	89	0.	89	0.	88	0.	87	0.
263	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
265	92	20.00	91	0.	91	0.	90	0.	89	0.	89	0.
267	92	20.00	91	0.	91	0.	90	0.	89	0.	88	0.
270	92	20.00	91	0.	90	0.	90	0.	89	0.	88	0.
272	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
274	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
276	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
279	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
281	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
283	92	20.00	91	0.	90	0.	90	0.	89	0.	88	0.
285	0	100.00	91	0.	91	0.	90	0.	89	0.	88	0.
288	0	100.00	0	100.00	92	30.00	91	0.	90	0.	90	0.
290	0	100.00	0	100.00	0	100.00	93	70.00	92	30.00	91	0.
292	0	100.00	0	100.00	0	100.00	0	100.00	93	60.00	91	20.00
294	0	100.00	0	100.00	0	100.00	0	100.00	93	80.00	92	40.00
297	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	92	70.00
299	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	93	90.00
301	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
303	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
306	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
308	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	93	90.00
310	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	92	80.00
312	0	100.00	0	100.00	0	100.00	0	100.00	92	90.00	91	70.00
315	0	100.00	0	100.00	0	100.00	92	90.00	91	70.00	90	60.00
317	0	100.00	0	100.00	0	100.00	91	80.00	90	60.00	89	40.00
319	0	100.00	92	90.00	91	80.00	90	60.00	89	50.00	88	30.00
321	0	100.00	91	90.00	90	70.00	89	50.00	88	40.00	87	20.00
324	0	100.00	91	80.00	90	70.00	89	50.00	88	40.00	87	30.00
326	0	100.00	91	90.00	90	70.00	89	60.00	88	40.00	87	30.00
328	0	100.00	0	100.00	90	80.00	89	70.00	88	60.00	87	40.00
330	0	100.00	0	100.00	91	90.00	90	80.00	89	60.00	88	50.00
333	0	100.00	0	100.00	0	100.00	90	90.00	90	80.00	89	70.00
335	0	100.00	0	100.00	0	100.00	0	100.00	90	90.00	89	80.00
337	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	90	90.00
339	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
342	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
344	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
346	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
348	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
351	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
353	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
355	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
357	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
360	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
AVERAGE SHIELDING		81.50		71.50		64.56		58.19		52.37		46.12
AVERAGE TARGET CONTACT ANGLE		90		89		88		88		87		87

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE-6

TABLE 28
SHIELDING OF TARGET AT POSITION C
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
18	89	0.	84	0.	78	0.	73	0.	68	0.	63	0.
36	90	0.	84	0.	79	0.	73	0.	68	0.	63	0.
54	90	0.	84	0.	79	0.	73	0.	68	0.	63	0.
72	89	0.	84	0.	78	0.	73	0.	68	0.	63	0.
90	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
108	89	0.	84	0.	78	0.	73	0.	68	0.	63	0.
126	94	20.00	86	0.	81	0.	75	0.	70	0.	65	0.
144	88	0.	82	0.	76	0.	71	0.	66	0.	62	0.
162	82	0.	76	0.	71	0.	66	0.	61	0.	57	0.
180	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
198	84	0.	78	0.	73	0.	67	0.	63	0.	58	0.
216	91	0.	85	0.	79	0.	74	0.	69	0.	64	0.
234	98	20.00	90	0.	85	0.	79	0.	73	0.	68	0.
252	94	0.	88	0.	82	0.	77	0.	71	0.	66	0.
270	94	0.	88	0.	82	0.	77	0.	71	0.	66	0.
288	94	0.	88	0.	82	0.	77	0.	71	0.	66	0.
306	94	0.	88	0.	83	0.	77	0.	72	0.	67	0.
324	93	0.	87	0.	81	0.	76	0.	70	0.	65	0.
342	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
360	90	0.	84	0.	79	0.	73	0.	68	0.	63	0.
AVERAGE SHIELDING		2,00		0,		0.		0,		0.		0,
AVERAGE TARGET CONTACT ANGLE		91		85		79		74		69		64

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 25

SHIELDING OF TARGET AT POSITION C
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
9	87	50.00	81	0.	78	0.	76	0.	73	0.	70	0.
18	87	40.00	81	0.	79	0.	76	0.	73	0.	71	0.
27	86	30.00	82	0.	79	0.	76	0.	73	0.	71	0.
36	85	0.	82	0.	79	0.	76	0.	74	0.	71	0.
45	86	0.	83	0.	80	0.	77	0.	74	0.	72	0.
54	86	0.	84	0.	81	0.	78	0.	75	0.	73	0.
63	88	0.	85	0.	82	0.	79	0.	77	0.	74	0.
72	88	0.	86	0.	83	0.	80	0.	77	0.	74	0.
81	88	0.	85	0.	83	0.	80	0.	77	0.	74	0.
90	90	0.	87	0.	85	0.	82	0.	79	0.	76	0.
99	88	0.	85	0.	83	0.	80	0.	77	0.	74	0.
108	89	0.	86	0.	83	0.	80	0.	78	0.	75	0.
117	85	0.	82	0.	79	0.	77	0.	74	0.	71	0.
126	81	0.	78	0.	75	0.	73	0.	70	0.	68	0.
135	86	70.00	78	0.	75	0.	73	0.	70	0.	68	0.
144	87	80.00	78	0.	76	0.	73	0.	70	0.	68	0.
153	0	100.00	79	10.00	76	0.	74	0.	71	0.	69	0.
162	0	100.00	81	30.00	77	0.	74	0.	72	0.	69	0.
171	0	100.00	83	40.00	78	0.	75	0.	72	0.	70	0.
180	0	100.00	84	50.00	78	0.	75	0.	73	0.	70	0.
189	0	100.00	84	40.00	78	0.	76	0.	73	0.	70	0.
198	0	100.00	83	30.00	79	0.	76	0.	73	0.	71	0.
207	0	100.00	82	10.00	79	0.	76	0.	74	0.	71	0.
216	92	90.00	82	0.	79	0.	76	0.	74	0.	71	0.
225	91	80.00	82	0.	80	0.	77	0.	74	0.	71	0.
234	86	0.	83	0.	80	0.	77	0.	74	0.	72	0.
243	90	0.	87	0.	84	0.	81	0.	78	0.	75	0.
252	94	10.00	91	0.	88	0.	85	0.	82	0.	79	0.
261	93	0.	90	0.	87	0.	84	0.	81	0.	79	0.
270	93	0.	90	0.	87	0.	84	0.	81	0.	78	0.
279	93	0.	90	0.	87	0.	84	0.	81	0.	79	0.
288	93	0.	90	0.	87	0.	84	0.	81	0.	79	0.
297	92	0.	89	0.	86	0.	84	0.	81	0.	78	0.
306	91	0.	88	0.	85	0.	82	0.	79	0.	76	0.

TABLE 28 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
315	88	0.	85	0.	82	0.	80	0.	77	0.	74	0.
324	86	0.	83	0.	80	0.	78	0.	75	0.	72	0.
333	85	0.	82	0.	79	0.	76	0.	74	0.	71	0.
342	84	0.	81	0.	78	0.	76	0.	73	0.	70	0.
351	84	10.00	81	0.	78	0.	75	0.	73	0.	70	0.
360	90	80.00	81	0.	78	0.	75	0.	73	0.	70	0.
AVERAGE SHIELDING		31.00		5.25		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		88		84		81		78		75		73

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 28

SHIELDING OF TARGET AT POSITION C

RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
6	0	100.00	89	70.00	84	20.00	82	0.	80	0.	78	0.
12	0	100.00	90	80.00	85	20.00	82	0.	80	0.	79	0.
18	0	100.00	89	70.00	84	10.00	82	0.	80	0.	79	0.
24	0	100.00	90	70.00	84	10.00	82	0.	80	0.	79	0.
30	0	100.00	88	50.00	84	0.	82	0.	80	0.	78	0.
36	0	100.00	88	50.00	84	0.	82	0.	80	0.	78	0.
42	0	100.00	86	20.00	83	0.	81	0.	80	0.	78	0.
48	0	100.00	85	0.	83	0.	81	0.	80	0.	78	0.
54	0	100.00	85	0.	83	0.	81	0.	80	0.	78	0.
60	88	30.00	85	0.	83	0.	81	0.	79	0.	77	0.
66	87	0.	85	0.	83	0.	81	0.	80	0.	78	0.
72	88	0.	86	0.	84	0.	82	0.	80	0.	78	0.
78	88	0.	86	0.	84	0.	82	0.	81	0.	79	0.
84	88	0.	86	0.	84	0.	82	0.	80	0.	79	0.
90	88	0.	86	0.	84	0.	82	0.	80	0.	78	0.
96	88	0.	86	0.	84	0.	82	0.	80	0.	78	0.
102	88	0.	86	0.	84	0.	82	0.	81	0.	79	0.
108	85	0.	83	0.	81	0.	79	0.	77	0.	76	0.
114	83	0.	81	0.	79	0.	77	0.	75	0.	74	0.
120	87	90.00	81	0.	79	0.	77	0.	75	0.	74	0.
126	0	100.00	81	10.00	79	0.	78	0.	76	0.	74	0.
132	0	100.00	83	40.00	80	0.	78	0.	76	0.	74	0.
138	0	100.00	83	40.00	80	0.	78	0.	76	0.	74	0.
144	0	100.00	85	60.00	81	20.00	78	0.	77	0.	75	0.
150	0	100.00	85	60.00	82	40.00	79	10.00	77	0.	75	0.
156	0	100.00	86	70.00	83	40.00	79	10.00	77	0.	76	0.
162	0	100.00	87	70.00	83	40.00	80	20.00	78	0.	76	0.
168	0	100.00	87	70.00	83	40.00	80	20.00	78	0.	76	0.
174	0	100.00	87	70.00	84	40.00	81	20.00	78	0.	76	0.
180	0	100.00	87	70.00	84	50.00	81	30.00	78	0.	77	0.
186	0	100.00	88	70.00	84	40.00	81	20.00	79	0.	77	0.
192	0	100.00	88	70.00	84	40.00	81	20.00	79	0.	77	0.
198	91	90.00	88	60.00	85	40.00	82	20.00	79	0.	77	0.
204	92	90.00	88	60.00	84	30.00	81	0.	79	0.	78	0.

TABLE 28 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
210	92	90.00	88	60.00	85	30.00	82	0.	80	0.	78	0.
216	92	90.00	88	50.00	84	20.00	82	0.	80	0.	78	0.
222	92	90.00	88	50.00	84	10.00	82	0.	80	0.	78	0.
228	92	90.00	88	40.00	84	0.	82	0.	80	0.	78	0.
234	0	100.00	87	20.00	84	0.	82	0.	80	0.	79	0.
240	92	80.00	86	0.	84	0.	82	0.	80	0.	79	0.
246	89	20.00	86	0.	84	0.	82	0.	81	0.	79	0.
252	90	0.	88	0.	86	0.	84	0.	82	0.	80	0.
258	93	0.	91	0.	89	0.	87	0.	85	0.	83	0.
264	92	0.	90	0.	89	0.	87	0.	85	0.	83	0.
270	92	0.	90	0.	88	0.	87	0.	85	0.	83	0.
276	92	0.	91	0.	89	0.	87	0.	85	0.	83	0.
282	93	0.	91	0.	89	0.	87	0.	85	0.	83	0.
288	92	0.	90	0.	88	0.	86	0.	84	0.	83	0.
294	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
300	89	0.	87	0.	85	0.	83	0.	81	0.	80	0.
306	88	10.00	86	0.	84	0.	82	0.	80	0.	78	0.
312	86	0.	84	0.	83	0.	81	0.	79	0.	77	0.
318	90	50.00	84	0.	82	0.	80	0.	79	0.	77	0.
324	90	80.00	84	0.	82	0.	80	0.	79	0.	77	0.
330	91	90.00	84	0.	82	0.	80	0.	79	0.	77	0.
336	0	100.00	85	20.00	83	0.	81	0.	79	0.	77	0.
342	0	100.00	87	40.00	83	0.	81	0.	79	0.	77	0.
348	0	100.00	87	50.00	83	0.	81	0.	79	0.	78	0.
354	0	100.00	87	50.00	83	0.	81	0.	79	0.	78	0.
360	0	100.00	88	60.00	83	10.00	81	0.	79	0.	78	0.
AVERAGE SHIELDING		62.00		27.83		9.17		2.83		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		87		84		82		80		78

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 28

SHIELDING OF TARGET AT POSITION C
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
4	0	100,00	0	100,00	0	100,00	88	60,00	86	40,00	83	10,00
9	0	100,00	0	100,00	0	100,00	89	70,00	87	40,00	84	10,00
13	0	100,00	0	100,00	0	100,00	90	80,00	87	50,00	85	20,00
18	0	100,00	0	100,00	0	100,00	90	80,00	88	50,00	85	20,00
22	0	100,00	0	100,00	0	100,00	91	90,00	88	50,00	85	20,00
27	0	100,00	0	100,00	0	100,00	92	90,00	88	50,00	86	20,00
31	0	100,00	0	100,00	0	100,00	91	80,00	88	50,00	85	10,00
36	0	100,00	0	100,00	0	100,00	90	70,00	87	30,00	84	0,
40	0	100,00	0	100,00	91	90,00	88	50,00	85	10,00	84	0,
45	0	100,00	0	100,00	90	70,00	87	30,00	85	0,	83	0,
49	0	100,00	0	100,00	89	60,00	85	10,00	84	0,	83	0,
54	0	100,00	91	90,00	87	30,00	85	0,	83	0,	82	0,
58	0	100,00	89	50,00	85	0,	84	0,	83	0,	81	0,
63	0	100,00	87	20,00	86	0,	84	0,	83	0,	81	0,
67	88	30,00	86	0,	85	0,	83	0,	82	0,	80	0,
72	89	30,00	86	0,	85	0,	83	0,	82	0,	81	0,
76	88	0,	86	0,	85	0,	84	0,	82	0,	81	0,
81	88	0,	87	0,	85	0,	84	0,	82	0,	81	0,
85	88	0,	86	0,	85	0,	84	0,	82	0,	81	0,
90	88	0,	86	0,	85	0,	83	0,	82	0,	81	0,
94	88	0,	86	0,	85	0,	83	0,	82	0,	81	0,
99	88	0,	86	0,	85	0,	84	0,	82	0,	81	0,
103	85	0,	84	0,	82	0,	81	0,	80	0,	78	0,
108	86	60,00	82	0,	81	0,	80	0,	78	0,	77	0,
112	87	80,00	82	0,	81	0,	80	0,	78	0,	77	0,
117	0	100,00	83	10,00	81	0,	80	0,	78	0,	77	0,
121	0	100,00	84	40,00	82	0,	80	0,	79	0,	77	0,
126	0	100,00	85	60,00	82	20,00	80	0,	79	0,	78	0,
130	0	100,00	86	70,00	83	40,00	81	10,00	79	0,	78	0,
135	0	100,00	86	70,00	84	40,00	81	20,00	80	0,	78	0,
139	0	100,00	87	80,00	84	50,00	82	30,00	80	10,00	78	0,
144	0	100,00	87	80,00	85	60,00	82	30,00	81	20,00	79	0,
148	0	100,00	88	80,00	85	60,00	83	40,00	81	20,00	79	0,
153	0	100,00	88	80,00	85	60,00	83	40,00	81	30,00	79	10,00

TABLE 28 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
157	0	100.00	88	80.00	86	60.00	83	40.00	82	30.00	79	10.00
162	0	100.00	88	80.00	86	60.00	83	40.00	82	30.00	80	20.00
166	0	100.00	88	80.00	86	60.00	84	40.00	82	30.00	80	10.00
171	0	100.00	88	80.00	86	60.00	84	50.00	82	30.00	80	20.00
175	0	100.00	88	80.00	86	60.00	84	40.00	82	30.00	80	10.00
180	90	90.00	88	80.00	86	60.00	84	50.00	82	30.00	80	20.00
184	90	90.00	88	70.00	86	60.00	84	40.00	82	30.00	80	10.00
189	90	90.00	88	70.00	86	60.00	84	40.00	82	30.00	80	10.00
193	91	90.00	88	70.00	86	50.00	84	40.00	82	20.00	80	10.00
198	91	90.00	88	70.00	86	50.00	84	30.00	82	20.00	80	10.00
202	90	80.00	89	70.00	86	50.00	84	30.00	82	10.00	80	0.
207	91	80.00	88	60.00	87	50.00	84	30.00	82	10.00	81	0.
211	91	80.00	89	60.00	86	40.00	84	20.00	82	10.00	81	0.
216	91	80.00	89	60.00	87	40.00	84	20.00	83	0.	81	0.
220	92	90.00	89	60.00	87	40.00	85	20.00	83	0.	81	0.
225	92	90.00	89	60.00	87	30.00	84	10.00	83	0.	82	0.
229	92	90.00	90	60.00	87	30.00	85	0.	83	0.	82	0.
234	0	100.00	90	60.00	87	20.00	85	0.	84	0.	82	0.
238	0	100.00	89	40.00	87	0.	85	0.	84	0.	82	0.
243	0	100.00	88	20.00	87	0.	85	0.	84	0.	82	0.
247	0	100.00	88	0.	86	0.	85	0.	84	0.	82	0.
252	92	80.00	88	0.	86	0.	85	0.	84	0.	82	0.
256	90	0.	89	0.	87	0.	86	0.	85	0.	83	0.
261	92	0.	91	0.	90	0.	88	0.	87	0.	85	0.
265	92	0.	91	0.	89	0.	88	0.	86	0.	85	0.
270	92	0.	91	0.	89	0.	88	0.	86	0.	85	0.
274	92	0.	91	0.	89	0.	88	0.	87	0.	85	0.
279	93	0.	91	0.	90	0.	88	0.	87	0.	85	0.
283	92	0.	91	0.	89	0.	88	0.	86	0.	85	0.
288	91	0.	90	0.	88	0.	87	0.	86	0.	84	0.
292	90	0.	89	0.	87	0.	86	0.	84	0.	83	0.
297	91	50.00	88	0.	86	0.	85	0.	84	0.	82	0.
301	0	100.00	88	0.	86	0.	85	0.	83	0.	82	0.
306	0	100.00	87	0.	86	0.	84	0.	83	0.	82	0.

TABLE 28 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
310	0	100,00	88	30,00	86	0,	84	0,	83	0,	81	0,
315	0	100,00	89	60,00	85	0,	84	0,	83	0,	81	0,
319	0	100,00	89	70,00	85	0,	84	0,	83	0,	81	0,
324	0	100,00	90	80,00	86	20,00	84	0,	83	0,	81	0,
328	0	100,00	0	100,00	87	40,00	84	0,	83	0,	82	0,
333	0	100,00	0	100,00	88	60,00	85	20,00	83	0,	82	0,
337	0	100,00	0	100,00	89	70,00	86	30,00	84	0,	82	0,
342	0	100,00	0	100,00	90	80,00	87	40,00	84	10,00	83	0,
346	0	100,00	0	100,00	91	90,00	87	50,00	85	20,00	83	0,
351	0	100,00	0	100,00	0	100,00	88	60,00	85	20,00	83	0,
355	0	100,00	0	100,00	0	100,00	88	60,00	85	30,00	83	0,
360	0	100,00	0	100,00	0	100,00	88	60,00	86	40,00	83	10,00
AVERAGE SHIELDING		74,62		52,25		36,50		21,75		11,00		3,25
AVERAGE TARGET CONTACT ANGLE		90		88		86		85		83		82

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 28

SHIELDING OF TARGET AT POSITION C
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	0	100.00	0	100.00	0	100.00	0	100.00	90	80.00	88	60.00
7	0	100.00	0	100.00	0	100.00	0	100.00	90	80.00	88	60.00
10	0	100.00	0	100.00	0	100.00	0	100.00	90	80.00	88	60.00
14	0	100.00	0	100.00	0	100.00	0	100.00	90	80.00	88	60.00
18	0	100.00	0	100.00	0	100.00	0	100.00	90	80.00	88	50.00
21	0	100.00	0	100.00	0	100.00	91	90.00	90	70.00	88	50.00
25	0	100.00	0	100.00	0	100.00	91	90.00	90	70.00	87	40.00
28	0	100.00	0	100.00	0	100.00	92	90.00	90	70.00	88	40.00
32	0	100.00	0	100.00	0	100.00	0	100.00	90	70.00	88	50.00
36	0	100.00	0	100.00	0	100.00	0	100.00	91	80.00	89	60.00
39	0	100.00	0	100.00	0	100.00	0	100.00	92	90.00	90	70.00
43	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	90	70.00
46	0	100.00	0	100.00	0	100.00	0	100.00	91	90.00	89	60.00
50	0	100.00	0	100.00	0	100.00	0	100.00	90	70.00	88	40.00
54	0	100.00	0	100.00	0	100.00	91	80.00	88	50.00	86	20.00
57	0	100.00	0	100.00	90	70.00	87	30.00	86	0.	85	0.
61	0	100.00	90	70.00	87	10.00	86	0.	84	0.	83	0.
64	0	100.00	88	20.00	86	0.	85	0.	84	0.	83	0.
68	0	100.00	87	0.	86	0.	85	0.	84	0.	83	0.
72	88	10.00	87	0.	85	0.	84	0.	83	0.	82	0.
75	88	0.	87	0.	86	0.	84	0.	83	0.	82	0.
79	88	0.	87	0.	86	0.	84	0.	83	0.	82	0.
82	88	0.	87	0.	86	0.	84	0.	83	0.	82	0.
86	88	0.	87	0.	85	0.	84	0.	83	0.	82	0.
90	88	0.	86	0.	85	0.	84	0.	83	0.	82	0.
93	88	0.	86	0.	85	0.	84	0.	83	0.	82	0.
97	88	0.	86	0.	85	0.	84	0.	83	0.	82	0.
100	86	0.	84	0.	83	0.	82	0.	81	0.	80	0.
104	0	100.00	84	0.	82	0.	81	0.	80	0.	79	0.
108	0	100.00	84	0.	82	0.	81	0.	80	0.	79	0.
111	0	100.00	85	40.00	83	0.	81	0.	80	0.	79	0.
115	0	100.00	86	60.00	83	10.00	82	0.	81	0.	79	0.
118	0	100.00	86	70.00	84	30.00	82	0.	81	0.	80	0.
122	0	100.00	87	80.00	85	50.00	82	20.00	81	0.	80	0.

TABLE 28 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
126	0	100.00	87	80.00	85	60.00	83	30.00	81	10.00	80	0.
129	0	100.00	88	90.00	85	60.00	84	40.00	82	20.00	80	0.
133	0	100.00	88	90.00	86	70.00	84	50.00	82	30.00	81	10.00
136	0	100.00	88	90.00	86	70.00	84	50.00	83	30.00	81	10.00
140	0	100.00	88	90.00	86	70.00	85	50.00	83	40.00	81	20.00
144	0	100.00	88	90.00	87	70.00	85	60.00	83	4..00	82	30.00
147	0	100.00	89	90.00	87	70.00	85	60.00	84	50.00	82	30.00
151	0	100.00	89	90.00	87	80.00	85	60.00	84	50.00	83	40.00
154	0	100.00	89	90.00	88	80.00	86	60.00	84	50.00	83	40.00
158	0	100.00	89	90.00	87	70.00	86	60.00	84	50.00	83	40.00
162	0	100.00	89	90.00	87	70.00	86	60.00	84	50.00	83	40.00
165	0	100.00	89	90.00	87	70.00	86	60.00	84	50.00	83	40.00
169	0	100.00	89	90.00	87	70.00	86	60.00	84	50.00	83	40.00
172	0	100.00	89	80.00	87	70.00	86	60.00	84	50.00	83	40.00
176	0	100.00	89	80.00	87	70.00	86	60.00	84	40.00	83	30.00
180	0	100.00	89	80.00	87	70.00	86	60.00	84	50.00	83	40.00
183	90	90.00	89	80.00	87	60.00	85	50.00	84	40.00	83	30.00
187	90	90.00	89	80.00	87	60.00	85	50.00	84	40.00	83	30.00
190	90	90.00	88	70.00	87	60.00	86	50.00	84	40.00	83	30.00
194	90	80.00	89	70.00	87	60.00	85	40.00	84	30.00	82	20.00
198	90	80.00	89	70.00	87	60.00	85	40.00	84	30.00	82	20.00
201	90	80.00	89	70.00	87	50.00	85	40.00	84	30.00	82	20.00
205	90	80.00	89	70.00	87	50.00	85	40.00	84	30.00	82	10.00
208	90	80.00	89	70.00	87	50.00	86	40.00	84	30.00	82	10.00
212	91	80.00	89	60.00	87	50.00	86	40.00	84	20.00	83	10.00
216	91	80.00	89	60.00	88	50.00	86	30.00	84	20.00	83	10.00
219	91	80.00	89	60.00	88	50.00	86	30.00	85	20.00	83	0.
223	91	80.00	90	60.00	88	40.00	86	30.00	84	10.00	83	0.
226	92	80.00	90	60.00	88	40.00	87	30.00	85	10.00	84	0.
230	92	80.00	90	60.00	88	40.00	86	20.00	85	0.	84	0.
234	92	90.00	90	60.00	88	40.00	87	20.00	85	0.	84	0.
237	93	90.00	91	60.00	88	30.00	87	10.00	85	0.	84	0.
241	0	100.00	91	60.00	88	20.00	87	0.	86	0.	84	0.
244	0	100.00	90	50.00	88	10.00	87	0.	86	0.	84	0.

TABLE 28 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
248	0	100.00	90	30.00	88	0.	87	0.	86	0.	84	0.
252	0	100.00	89	0.	88	0.	87	0.	85	0.	84	0.
255	91	40.00	89	0.	88	0.	86	0.	85	0.	84	0.
259	91	0.	90	0.	89	0.	88	0.	87	0.	85	0.
262	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
266	92	0.	91	0.	90	0.	89	0.	88	0.	86	0.
270	92	0.	91	0.	90	0.	89	0.	87	0.	86	0.
273	92	0.	91	0.	90	0.	89	0.	88	0.	86	0.
277	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
280	92	0.	91	0.	90	0.	89	0.	88	0.	86	0.
284	92	0.	90	0.	89	0.	88	0.	87	0.	86	0.
288	91	0.	90	0.	89	0.	87	0.	86	0.	85	0.
291	0	100.00	89	0.	88	0.	87	0.	86	0.	85	0.
295	0	100.00	89	0.	88	0.	87	0.	86	0.	85	0.
298	0	100.00	90	20.00	88	0.	87	0.	86	0.	85	0.
302	0	100.00	91	60.00	88	0.	87	0.	86	0.	85	0.
306	0	100.00	91	80.00	88	10.00	87	0.	86	0.	84	0.
309	0	100.00	0	100.00	89	40.00	87	0.	85	0.	84	0.
313	0	100.00	0	100.00	89	60.00	87	20.00	85	0.	84	0.
316	0	100.00	0	100.00	90	80.00	87	30.00	85	0.	84	0.
320	0	100.00	0	100.00	90	80.00	88	40.00	85	10.00	84	0.
324	0	100.00	0	100.00	91	90.00	88	50.00	86	20.00	85	0.
327	0	100.00	0	100.00	0	100.00	89	60.00	87	30.00	85	0.
331	0	100.00	0	100.00	0	100.00	89	70.00	87	40.00	85	10.00
334	0	100.00	0	100.00	0	100.00	91	90.00	88	60.00	86	30.00
338	0	100.00	0	100.00	0	100.00	0	100.00	89	70.00	87	40.00
342	0	100.00	0	100.00	0	100.00	0	100.00	90	80.00	88	50.00
345	0	100.00	0	100.00	0	100.00	0	100.00	90	80.00	88	50.00
349	0	100.00	0	100.00	0	100.00	0	100.00	90	80.00	88	60.00
352	0	100.00	0	100.00	0	100.00	0	100.00	90	90.00	88	60.00
356	0	100.00	0	100.00	0	100.00	0	100.00	90	80.00	88	60.00
360	0	100.00	0	100.00	0	100.00	0	100.00	90	90.00	88	60.00
AVERAGE SHIELDING		78.80		62.00		49.70		40.00		29.00		18.50
AVERAGE TARGET CONTACT ANGLE		90		89		87		86		86		84

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 29

SHIELDING OF TARGET AT POSITION C

RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
6	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
9	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
12	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
15	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
18	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
21	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
24	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
27	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
30	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
33	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
36	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
39	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	92	90.00
42	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
45	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	91	80.00
48	0	100.00	0	100.00	0	100.00	0	100.00	91	90.00	90	70.00
51	0	100.00	0	100.00	0	100.00	0	100.00	90	70.00	88	50.00
54	0	100.00	0	100.00	91	90.00	90	70.00	88	40.00	86	20.00
57	0	100.00	91	90.00	89	60.00	87	30.00	86	0.	85	0.
60	0	100.00	91	90.00	89	50.00	87	20.00	86	0.	85	0.
63	0	100.00	89	50.00	87	10.00	86	0.	85	0.	84	0.
66	90	60.00	87	10.00	86	0.	85	0.	84	0.	83	0.
69	89	30.00	87	0.	86	0.	85	0.	84	0.	83	0.
72	88	30.00	87	0.	86	0.	85	0.	84	0.	83	0.
75	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
78	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
81	88	10.00	87	0.	86	0.	85	0.	84	0.	83	0.
84	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
87	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
90	87	0.	86	0.	86	0.	85	0.	84	0.	83	0.
93	87	0.	87	0.	86	0.	85	0.	84	0.	83	0.
96	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
99	86	0.	85	0.	84	0.	83	0.	82	0.	81	0.
102	0	100.00	84	0.	83	0.	82	0.	81	0.	81	0.

TABLE 28 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
105	0	100.00	85	20.00	83	0.	83	0.	82	0.	81	0.
108	0	100.00	86	60.00	84	0.	83	0.	82	0.	81	0.
111	0	100.00	87	80.00	84	30.00	83	0.	82	0.	81	0.
114	0	100.00	87	80.00	85	50.00	83	20.00	82	0.	81	0.
117	0	100.00	87	90.00	86	60.00	84	30.00	82	0.	81	0.
120	0	100.00	0	100.00	86	70.00	84	40.00	83	2..00	82	0.
123	0	100.00	0	100.00	86	70.00	85	50.00	83	30.00	82	10.00
126	0	100.00	0	100.00	87	80.00	85	60.00	84	40.00	82	20.00
129	0	100.00	0	100.00	87	80.00	85	60.00	84	40.00	83	30.00
132	0	100.00	0	100.00	87	80.00	86	70.00	85	50.00	83	40.00
135	0	100.00	0	100.00	88	90.00	86	70.00	85	60.00	84	40.00
138	0	100.00	0	100.00	0	100.00	88	90.00	87	80.00	86	60.00
141	0	100.00	0	100.00	0	100.00	0	100.00	88	80.00	86	70.00
144	0	100.00	0	100.00	0	100.00	0	100.00	88	90.00	87	70.00
147	0	100.00	0	100.00	0	100.00	0	100.00	88	80.00	87	70.00
150	0	100.00	0	100.00	0	100.00	89	90.00	88	80.00	86	70.00
153	0	100.00	0	100.00	0	100.00	89	90.00	87	80.00	86	70.00
156	0	100.00	0	100.00	89	90.00	88	80.00	87	70.00	86	60.00
159	0	100.00	0	100.00	89	90.00	88	80.00	87	70.00	85	60.00
162	0	100.00	0	100.00	89	90.00	88	80.00	87	70.00	85	60.00
165	0	100.00	0	100.00	89	90.00	88	80.00	87	70.00	85	50.00
168	0	100.00	0	100.00	89	80.00	87	70.00	86	60.00	85	50.00
171	0	100.00	90	90.00	89	80.00	87	70.00	86	60.00	85	60.00
174	0	100.00	90	90.00	89	80.00	87	70.00	86	60.00	85	50.00
177	0	100.00	90	90.00	89	80.00	87	70.00	86	60.00	85	50.00
180	0	100.00	90	90.00	89	80.00	87	70.00	86	60.00	85	50.00
183	0	100.00	89	80.00	88	70.00	87	60.00	86	50.00	85	50.00
186	0	100.00	89	80.00	88	70.00	87	60.00	86	50.00	84	40.00
189	0	100.00	89	80.00	88	70.00	87	60.00	86	50.00	84	40.00
192	0	100.00	89	80.00	88	70.00	87	60.00	85	50.00	84	40.00
195	90	90.00	89	70.00	88	60.00	86	50.00	85	40.00	84	30.00
198	90	80.00	89	70.00	87	60.00	86	50.00	85	40.00	84	30.00
201	90	90.00	89	70.00	87	60.00	86	50.00	85	40.00	84	30.00
204	90	80.00	89	70.00	88	60.00	86	50.00	85	40.00	84	30.00

TABLE 28 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
207	90	80.00	89	60.00	87	50.00	86	40.00	85	30.00	84	20.00
210	90	70.00	89	60.00	87	50.00	86	40.00	85	30.00	84	20.00
213	90	70.00	89	60.00	88	50.00	86	40.00	85	30.00	84	20.00
216	90	70.00	89	60.00	88	50.00	87	40.00	85	30.00	84	20.00
219	91	70.00	89	60.00	88	50.00	87	40.00	86	30.00	84	10.00
222	91	80.00	90	60.00	88	50.00	87	40.00	86	30.00	84	10.00
225	91	80.00	90	60.00	89	50.00	87	30.00	86	20.00	85	10.00
228	91	80.00	90	60.00	89	50.00	87	30.00	86	20.00	85	10.00
231	92	80.00	90	60.00	89	40.00	87	30.00	86	20.00	85	0.
234	92	80.00	90	60.00	89	50.00	88	30.00	86	10.00	85	0.
237	92	80.00	91	60.00	89	40.00	87	20.00	86	0.	85	0.
240	92	80.00	91	60.00	89	30.00	87	10.00	86	0.	85	0.
243	93	90.00	91	60.00	89	30.00	88	0.	87	0.	86	0.
246	93	90.00	91	60.00	89	20.00	88	0.	87	0.	86	0.
249	0	100.00	91	50.00	89	10.00	88	0.	87	0.	86	0.
252	0	100.00	90	40.00	89	0.	88	0.	87	0.	86	0.
255	0	100.00	90	10.00	89	0.	88	0.	87	0.	86	0.
258	93	90.00	89	0.	88	0.	88	0.	87	0.	86	0.
261	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
264	92	10.00	91	0.	90	0.	89	0.	88	0.	88	0.
267	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
270	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
273	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
276	92	10.00	91	0.	90	0.	90	0.	89	0.	88	0.
279	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
282	93	40.00	91	0.	90	0.	89	0.	88	0.	87	0.
285	92	40.00	91	0.	90	0.	89	0.	88	0.	87	0.
288	0	100.00	90	0.	90	0.	89	0.	88	0.	87	0.
291	0	100.00	91	40.00	90	0.	89	0.	88	0.	87	0.
294	0	100.00	92	80.00	89	0.	89	0.	88	0.	87	0.
297	0	100.00	0	100.00	91	40.00	89	0.	88	0.	87	0.
300	0	100.00	0	100.00	92	70.00	89	10.00	88	0.	87	0.
303	0	100.00	0	100.00	92	90.00	90	40.00	88	0.	87	0.
306	0	100.00	0	100.00	0	100.00	90.	50.00	88	10.00	87	0.

TABLE 28 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
309	0	100,00	0	100,00	0	100,00	90	60,00	88	20,00	87	0,
312	0	100,00	0	100,00	91	90,00	89	60,00	88	30,00	86	0,
315	0	100,00	0	100,00	90	80,00	89	50,00	87	20,00	85	0,
318	0	100,00	0	100,00	89	70,00	88	40,00	86	10,00	85	0,
321	0	100,00	0	100,00	90	70,00	88	40,00	86	20,00	85	0,
324	0	100,00	0	100,00	91	90,00	89	60,00	87	40,00	86	20,00
327	0	100,00	0	100,00	0	100,00	90	80,00	88	50,00	87	30,00
330	0	100,00	0	100,00	0	100,00	91	90,00	89	70,00	87	40,00
333	0	100,00	0	100,00	0	100,00	0	100,00	90	80,00	89	60,00
336	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	90	80,00
339	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
342	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
345	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
348	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
351	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
354	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
357	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
360	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
AVERAGE SHIELDING		81,33		19,08		58,50		48,92		40,58		34,08
AVERAGE TARGET CONTACT ANGLE		90		89		88		87		86		85

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 25
SHIELDING OF TARGET AT POSITION C
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	0	100.00	0	100.00	0	100.00	0	100,00	0	100,00	0	100,00
5	0	100,00	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00
7	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
10	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
12	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
15	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
18	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
20	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
23	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
25	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
28	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
30	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
33	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
36	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
38	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
41	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	91	80,00
43	0	100,00	0	100,00	0	100,00	0	100,00	91	80,00	90	70,00
46	0	100,00	0	100,00	0	100,00	91	90,00	90	70,00	89	50,00
48	0	100,00	0	100,00	91	90,00	90	70,00	89	60,00	88	40,00
51	0	100,00	0	100,00	90	80,00	89	60,00	88	40,00	86	20,00
54	0	100,00	90	80,00	89	60,00	88	40,00	86	20,00	85	0,
56	90	80,00	89	60,00	88	40,00	86	10,00	85	0,	85	0,
59	89	60,00	88	40,00	87	10,00	86	0,	85	0,	84	0,
61	0	100,00	88	30,00	87	0,	86	0,	85	0,	84	0,
64	0	100,00	88	20,00	87	0,	86	0,	85	0,	84	0,
66	0	100,00	87	10,00	86	0,	86	0,	85	0,	84	0,
69	88	20,00	87	0,	86	0,	85	0,	85	0,	84	0,
72	88	0,	87	0,	86	0,	85	0,	84	0,	84	0,
74	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
77	87	0,	87	0,	86	0,	85	0,	84	0,	83	0,
79	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
82	88	0,	87	0,	86	0,	85	0,	84	0,	84	0,
84	88	0,	87	0,	86	0,	85	0,	84	0,	84	0,
87	87	0,	87	0,	86	0,	85	0,	84	0,	83	0,

TABLE 28 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARSET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
90	87	0.	87	0.	86	0.	85	0.	84	0.	83	0.
92	88	20.00	87	0.	86	0.	85	0.	84	0.	83	0.
95	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
97	86	0.	85	0.	85	0.	84	0.	83	0.	82	0.
100	0	100.00	85	0.	84	0.	83	0.	82	0.	82	0.
102	0	100.00	85	20.00	84	0.	83	0.	82	0.	82	0.
105	0	100.00	87	70.00	84	10.00	83	0.	83	0.	92	0.
108	0	100.00	87	90.00	85	50.00	84	10.00	83	0.	82	0.
110	0	100.00	0	100.00	86	60.00	84	30.00	83	0.	82	0.
113	0	100.00	0	100.00	86	70.00	85	40.00	84	20.00	83	0.
115	0	100.00	0	100.00	87	80.00	86	60.00	84	30.00	83	10.00
118	0	100.00	0	100.00	87	80.00	86	60.00	84	40.00	83	20.00
120	0	100.00	0	100.00	87	90.00	86	70.00	85	50.00	84	30.00
123	0	100.00	0	100.00	88	90.00	86	70.00	85	50.00	84	40.00
126	0	100.00	0	100.00	0	100.00	87	80.00	86	60.00	85	50.00
128	0	100.00	0	100.00	0	100.00	88	90.00	86	70.00	85	60.00
131	0	100.00	0	100.00	0	100.00	0	100.00	87	80.00	86	70.00
133	0	100.00	0	100.00	0	100.00	0	100.00	88	90.00	87	80.00
136	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	88	80.00
138	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	88	90.00
141	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	88	90.00
144	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00
146	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00
149	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	88	90.00
151	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00	88	80.00
154	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00	88	80.00
156	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00	88	80.00
159	0	100.00	0	100.00	0	100.00	89	90.00	88	80.00	87	70.00
162	0	100.00	0	100.00	0	100.00	89	90.00	88	80.00	87	70.00
164	0	100.00	0	100.00	0	100.00	89	90.00	88	80.00	87	70.00
167	0	100.00	0	100.00	90	90.00	89	90.00	88	80.00	87	70.00
169	0	100.00	0	100.00	90	90.00	89	80.00	88	80.00	87	70.00
172	0	100.00	0	100.00	90	90.00	89	80.00	88	70.00	87	70.00
174	0	100.00	0	100.00	90	90.00	89	80.00	88	70.00	87	60.00

TABLE 28 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
177	0	100.00	0	100.00	90	90.00	89	80.00	87	70.00	86	60.00
180	0	100.00	0	100.00	89	80.00	88	80.00	87	70.00	86	60.00
182	0	100.00	90	90.00	89	80.00	88	70.00	87	70.00	86	60.00
185	0	100.00	90	90.00	89	80.00	88	70.00	87	60.00	86	50.00
187	0	100.00	90	80.00	89	80.00	88	70.00	87	60.00	86	50.00
190	0	100.00	90	80.00	89	70.00	88	70.00	87	60.00	86	50.00
192	0	100.00	89	80.00	88	70.00	87	60.00	86	50.00	85	50.00
195	0	100.00	89	70.00	88	70.00	87	60.00	86	50.00	85	40.00
198	0	100.00	89	70.00	88	60.00	87	60.00	86	50.00	85	40.00
200	0	100.00	89	70.00	88	60.00	87	50.00	86	50.00	85	40.00
203	90	80.00	89	70.00	88	60.00	87	50.00	86	40.00	85	30.00
205	90	70.00	89	70.00	88	60.00	87	50.00	86	40.00	85	30.00
208	90	70.00	89	70.00	88	60.00	87	50.00	86	40.00	85	30.00
210	90	70.00	89	60.00	88	60.00	87	50.00	86	40.00	85	30.00
213	90	70.00	89	60.00	88	50.00	87	40.00	86	40.00	85	30.00
216	90	70.00	89	60.00	88	50.00	87	40.00	86	30.00	85	20.00
218	90	70.00	89	60.00	88	50.00	87	40.00	86	30.00	85	20.00
221	90	70.00	89	60.00	88	50.00	87	40.00	86	30.00	85	20.00
223	90	70.00	89	60.00	88	50.00	87	40.00	86	30.00	85	20.00
226	91	70.00	90	60.00	89	50.00	88	40.00	86	30.00	85	10.00
228	91	70.00	90	60.00	89	50.00	88	40.00	86	20.00	85	10.00
231	91	70.00	90	60.00	89	50.00	88	30.00	87	20.00	86	10.00
234	91	70.00	90	60.00	89	50.00	88	30.00	87	20.00	86	10.00
236	92	80.00	90	60.00	89	50.00	88	30.00	87	20.00	86	0.
239	92	80.00	91	60.00	89	40.00	88	20.00	87	10.00	86	0.
241	92	80.00	91	60.00	89	40.00	88	20.00	87	0.	86	0.
244	92	80.00	91	60.00	89	30.00	88	10.00	87	0.	86	0.
246	92	80.00	91	60.00	89	30.00	88	10.00	87	0.	87	0.
249	93	90.00	91	50.00	89	20.00	88	0.	87	0.	87	0.
252	93	90.00	91	50.00	89	10.00	88	0.	88	0.	87	0.
254	93	90.00	90	30.00	89	0.	88	0.	87	0.	87	0.
257	92	80.00	90	0.	89	0.	88	0.	87	0.	87	0.
259	92	60.00	90	0.	89	0.	88	0.	87	0.	87	0.
262	91	0.	91	0.	90	0.	89	0.	88	0.	87	0.

TABLE 28 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
264	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
267	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
270	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
272	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
275	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
277	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
280	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
282	92	10.00	91	0.	90	0.	89	0.	88	0.	88	0.
285	93	60.00	91	0.	90	0.	89	0.	88	0.	88	0.
288	0	100.00	92	50.00	90	0.	90	0.	89	0.	88	0.
290	0	100.00	0	100.00	92	50.00	90	0.	89	0.	88	0.
293	0	100.00	0	100.00	0	100.00	91	50.00	90	0.	89	0.
295	0	100.00	0	100.00	0	100.00	92	70.00	90	20.00	89	0.
298	0	100.00	0	100.00	0	100.00	93	90.00	91	40.00	89	10.00
300	0	100.00	0	100.00	0	100.00	0	100.00	91	70.00	90	30.00
303	0	100.00	0	100.00	0	100.00	0	100.00	92	80.00	90	40.00
306	0	100.00	0	100.00	0	100.00	0	100.00	91	80.00	90	40.00
308	0	100.00	0	100.00	0	100.00	0	100.00	91	70.00	89	40.00
311	0	100.00	0	100.00	0	100.00	0	100.00	90	70.00	89	50.00
313	0	100.00	0	100.00	0	100.00	91	90.00	90	70.00	88	50.00
316	0	100.00	0	100.00	0	100.00	90	80.00	89	60.00	88	40.00
318	0	100.00	0	100.00	0	100.00	90	70.00	88	50.00	87	30.00
321	0	100.00	0	100.00	91	90.00	90	70.00	88	50.00	87	30.00
324	0	100.00	0	100.00	0	100.00	90	70.00	88	50.00	87	40.00
326	0	100.00	0	100.00	0	100.00	90	80.00	89	60.00	88	50.00
329	0	100.00	0	100.00	0	100.00	0	100.00	90	80.00	89	60.00
331	0	100.00	0	100.00	0	100.00	0	100.00	91	90.00	89	70.00
334	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	91	90.00
336	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
339	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
342	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
344	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
347	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
349	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
352	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
354	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
357	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
360	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
AVERAGE SHIELDING		80,64		71,00		64,00		56,79		48,86		41,50
AVERAGE TARGET CONTACT ANGLE		90		89		88		88		87		86

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 28

SHIELDING OF TARGET AT POSITION C
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	0	100.00	0	100.00	0	100.00	0	100,00	0	100,00	0	100,00
4	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
6	0	100.00	0	100.00	0	100.00	0	100,00	0	100,00	0	100,00
9	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
11	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
13	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
15	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
18	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
20	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
22	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
24	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
27	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
29	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
31	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
33	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
36	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
38	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
40	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	91	80,00
42	0	100,00	0	100,00	0	100,00	92	90,00	91	80,00	90	70,00
45	0	100,00	0	100,00	91	90,00	91	80,00	89	60,00	88	50,00
47	0	100,00	91	90,00	90	80,00	89	60,00	88	50,00	87	30,00
49	0	100,00	91	80,00	90	70,00	89	50,00	88	40,00	87	30,00
51	0	100,00	91	90,00	90	70,00	89	50,00	88	40,00	87	20,00
54	0	100,00	0	100,00	90	70,00	89	50,00	88	40,00	87	20,00
56	0	100,00	0	100,00	90	70,00	89	50,00	88	30,00	87	20,00
58	0	100,00	0	100,00	0	100,00	89	50,00	88	30,00	86	10,00
60	0	100,00	0	100,00	89	50,00	88	30,00	87	10,00	86	0,
63	0	100,00	89	60,00	88	30,00	87	10,00	86	0,	85	0,
65	0	100,00	89	40,00	87	10,00	87	0,	86	0,	85	0,
67	0	100,00	88	20,00	87	0,	86	0,	86	0,	85	0,
69	0	100,00	87	0,	87	0,	86	0,	85	0,	85	0,
72	88	10.00	87	0,	86	0,	86	0,	85	0,	84	0,
74	87	0,	87	0,	86	0,	85	0,	85	0,	84	0,
76	87	0,	87	0,	86	0,	85	0,	84	0,	84	0,

TABLE 28 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
78	87	0.	86	0.	86	0.	85	0.	84	0.	84	0.
81	87	0.	87	0.	86	0.	85	0.	84	0.	84	0.
83	88	0.	87	0.	86	0.	85	0.	85	0.	84	0.
85	88	0.	87	0.	86	0.	85	0.	85	0.	84	0.
87	87	0.	87	0.	86	0.	85	0.	85	0.	84	0.
90	87	0.	87	0.	86	0.	85	0.	85	0.	84	0.
92	87	10.00	87	0.	86	0.	85	0.	85	0.	84	0.
94	87	0.	87	0.	86	0.	85	0.	85	0.	84	0.
96	86	0.	85	0.	85	0.	84	0.	83	0.	82	0.
99	0	100.00	85	0.	84	0.	84	0.	83	0.	82	0.
101	0	100.00	86	30.00	85	0.	84	0.	83	0.	82	0.
103	0	100.00	87	60.00	85	20.00	84	0.	83	0.	83	0.
105	0	100.00	87	90.00	86	50.00	84	10.00	84	0.	83	0.
108	0	100.00	0	100.00	86	70.00	85	40.00	84	10.00	83	0.
110	0	100.00	0	100.00	87	80.00	86	60.00	84	30.00	83	10.00
112	0	100.00	0	100.00	87	90.00	86	60.00	85	40.00	84	20.00
114	0	100.00	0	100.00	87	90.00	86	70.00	85	50.00	84	30.00
117	0	100.00	0	100.00	0	100.00	87	80.00	86	60.00	84	40.00
119	0	100.00	0	100.00	0	100.00	87	80.00	86	70.00	85	50.00
121	0	100.00	0	100.00	0	100.00	0	100.00	87	80.00	86	60.00
123	0	100.00	0	100.00	0	100.00	0	100.00	87	80.00	86	70.00
126	0	100.00	0	100.00	0	100.00	0	100.00	88	90.00	87	70.00
128	0	100.00	0	100.00	0	100.00	0	100.00	88	90.00	87	80.00
130	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	87	80.00
132	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	88	90.00
135	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	88	90.00
137	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	88	90.00
139	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
141	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
144	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
146	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
148	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
150	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
153	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00

TABLE 28 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
155	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00
157	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00
159	0	100.00	0	100.00	0	100.00	0	100.00	90	90.00	89	90.00
162	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00	88	80.00
164	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00	88	80.00
166	0	100.00	0	100.00	0	100.00	90	90.00	89	90.00	88	80.00
168	0	100.00	0	100.00	0	100.00	90	90.00	89	90.00	88	80.00
171	0	100.00	0	100.00	0	100.00	90	90.00	89	80.00	88	80.00
173	0	100.00	0	100.00	0	100.00	90	90.00	89	80.00	88	80.00
175	0	100.00	0	100.00	90	90.00	90	90.00	89	80.00	88	70.00
177	0	100.00	0	100.00	90	90.00	89	80.00	89	80.00	88	70.00
180	0	100.00	0	100.00	90	90.00	89	80.00	88	80.00	87	70.00
182	0	100.00	0	100.00	90	90.00	89	80.00	88	70.00	87	70.00
184	0	100.00	0	100.00	90	80.00	89	80.00	88	70.00	87	60.00
186	0	100.00	0	100.00	90	80.00	89	70.00	88	70.00	87	60.00
189	0	100.00	90	90.00	89	80.00	88	70.00	88	70.00	87	60.00
191	0	100.00	90	80.00	89	80.00	88	70.00	87	60.00	87	60.00
193	0	100.00	90	80.00	89	70.00	88	70.00	87	60.00	86	50.00
195	0	100.00	90	80.00	89	70.00	88	60.00	87	60.00	86	50.00
198	0	100.00	90	80.00	89	70.00	88	60.00	87	50.00	86	50.00
200	0	100.00	89	70.00	89	70.00	88	60.00	87	50.00	86	50.00
202	0	100.00	89	70.00	88	60.00	88	60.00	87	50.00	86	40.00
204	0	100.00	89	70.00	88	60.00	87	60.00	87	50.00	86	40.00
207	90	80.00	89	70.00	88	60.00	87	50.00	87	50.00	86	40.00
209	90	70.00	89	70.00	88	60.00	87	50.00	86	40.00	86	40.00
211	90	70.00	89	60.00	88	50.00	87	50.00	86	40.00	85	30.00
213	90	70.00	89	60.00	88	50.00	87	50.00	86	40.00	85	30.00
216	90	70.00	89	60.00	88	50.00	87	40.00	86	40.00	85	30.00
218	90	70.00	89	60.00	88	50.00	87	40.00	86	30.00	85	30.00
220	90	70.00	89	60.00	88	50.00	87	40.00	86	30.00	86	30.00
222	90	70.00	89	60.00	88	50.00	87	40.00	86	30.00	86	20.00
225	90	70.00	89	60.00	88	50.00	88	40.00	87	30.00	86	20.00
227	90	70.00	90	60.00	89	50.00	88	40.00	87	30.00	86	20.00
229	91	70.00	90	60.00	89	50.00	88	40.00	87	30.00	86	20.00

TABLE 28 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
231	91	70,00	90	60,00	89	50,00	88	30,00	87	20,00	86	10,00
234	91	70,00	90	60,00	89	50,00	88	40,00	87	30,00	86	10,00
236	91	70,00	90	60,00	89	50,00	88	30,00	87	20,00	86	10,00
238	91	70,00	90	60,00	89	40,00	88	30,00	87	10,00	87	0,
240	92	70,00	90	50,00	89	40,00	88	20,00	87	10,00	87	0,
243	92	70,00	91	50,00	90	40,00	88	20,00	88	0,	87	0,
245	92	70,00	91	50,00	90	30,00	89	20,00	88	0,	87	0,
247	92	70,00	91	50,00	90	30,00	88	10,00	88	0,	87	0,
249	92	80,00	91	50,00	90	30,00	89	0,	88	0,	87	0,
252	92	80,00	91	50,00	90	20,00	89	0,	88	0,	87	0,
254	92	80,00	91	40,00	89	10,00	89	0,	88	0,	87	0,
256	92	70,00	90	10,00	89	0,	89	0,	88	0,	87	0,
258	92	60,00	90	0,	89	0,	89	0,	88	0,	87	0,
261	92	50,00	90	0,	89	0,	89	0,	88	0,	87	0,
263	92	0,	91	0,	90	0,	89	0,	89	0,	88	0,
265	92	10,00	91	0,	91	0,	90	0,	89	0,	89	0,
267	92	0,	91	0,	90	0,	90	0,	89	0,	88	0,
270	92	0,	91	0,	90	0,	90	0,	89	0,	88	0,
272	92	0,	91	0,	90	0,	90	0,	89	0,	88	0,
274	92	0,	91	0,	91	0,	90	0,	89	0,	88	0,
276	92	0,	91	0,	91	0,	90	0,	89	0,	88	0,
279	92	0,	91	0,	90	0,	90	0,	89	0,	88	0,
281	92	0,	91	0,	90	0,	90	0,	89	0,	88	0,
283	92	40,00	91	0,	90	0,	90	0,	89	0,	88	0,
285	0	100,00	92	20,00	91	0,	90	0,	89	0,	89	0,
288	0	100,00	0	100,00	93	70,00	91	20,00	90	0,	90	0,
290	0	100,00	0	100,00	0	100,00	93	90,00	92	40,00	90	0,
292	0	100,00	0	100,00	0	100,00	0	100,00	92	70,00	91	30,00
294	0	100,00	0	100,00	0	100,00	0	100,00	93	90,00	91	50,00
297	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	92	60,00
299	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	92	80,00
301	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	92	90,00
303	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	92	90,00
306	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	92	90,00

TABLE 26 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
308	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	91	80,00
310	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	91	70,00
312	0	100,00	0	100,00	0	100,00	0	100,00	91	80,00	90	60,00
315	0	100,00	0	100,00	0	100,00	91	90,00	90	80,00	89	60,00
317	0	100,00	0	100,00	0	100,00	90	80,00	90	70,00	88	50,00
319	0	100,00	0	100,00	0	100,00	90	80,00	89	60,00	88	40,00
321	0	100,00	0	100,00	0	100,00	90	80,00	89	60,00	88	40,00
324	0	100,00	0	100,00	0	100,00	90	80,00	89	60,00	88	50,00
326	0	100,00	0	100,00	0	100,00	91	90,00	90	70,00	89	60,00
328	0	100,00	0	100,00	0	100,00	0	100,00	90	80,00	89	70,00
330	0	100,00	0	100,00	0	100,00	0	100,00	91	90,00	90	80,00
333	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	91	90,00
335	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
337	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
339	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
342	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
344	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
346	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
348	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
351	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
353	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
355	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
357	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
360	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
AVERAGE SHIELDING		82,06		73,56		67,81		61,62		55,75		48,94
AVERAGE TARGET CONTACT ANGLE		90		89		89		88		87		87

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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SITE-6

TABLE 7

SHIELDING OF TARGET AT POSITION D

RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
18	89	0.	83	0.	78	0.	72	0.	67	0.	63	0.
36	90	0.	84	0.	78	0.	73	0.	68	0.	63	0.
54	90	0.	84	0.	79	0.	73	0.	68	0.	63	0.
72	89	0.	84	0.	78	0.	73	0.	68	0.	63	0.
90	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
108	89	0.	83	0.	78	0.	72	0.	67	0.	63	0.
126	93	20.00	86	0.	80	0.	74	0.	69	0.	64	0.
144	87	0.	82	0.	76	0.	71	0.	66	0.	61	0.
162	82	0.	76	0.	71	0.	66	0.	61	0.	57	0.
180	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
198	83	0.	78	0.	72	0.	67	0.	62	0.	58	0.
216	91	0.	85	0.	79	0.	74	0.	69	0.	64	0.
234	99	30.00	90	0.	84	0.	79	0.	73	0.	68	0.
252	94	0.	88	0.	82	0.	77	0.	71	0.	66	0.
270	93	0.	88	0.	82	0.	76	0.	71	0.	66	0.
288	94	0.	88	0.	82	0.	77	0.	71	0.	66	0.
306	94	0.	88	0.	83	0.	77	0.	72	0.	67	0.
324	92	0.	87	0.	81	0.	76	0.	70	0.	65	0.
342	90	0.	85	0.	79	0.	74	0.	69	0.	64	0.
360	89	0.	83	0.	78	0.	72	0.	67	0.	63	0.
AVERAGE SHIELDING		2,50		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		85		79		74		68		64

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

29

TABLE 5

SHIELDING OF TARGET AT POSITION D

RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
9	90	60.00	83	0.	80	0.	78	0.	75	0.	72	0.
18	92	80.00	83	0.	81	0.	78	0.	75	0.	73	0.
27	0	100.00	84	0.	81	0.	78	0.	75	0.	73	0.
36	86	20.00	83	0.	80	0.	77	0.	74	0.	72	0.
45	86	0.	83	0.	80	0.	78	0.	75	0.	72	0.
54	87	0.	84	0.	82	0.	79	0.	76	0.	73	0.
63	88	0.	85	0.	83	0.	80	0.	77	0.	74	0.
72	89	0.	86	0.	83	0.	80	0.	77	0.	75	0.
81	88	0.	85	0.	83	0.	80	0.	77	0.	74	0.
90	90	0.	87	0.	85	0.	82	0.	79	0.	76	0.
99	88	0.	85	0.	82	0.	80	0.	77	0.	74	0.
108	88	0.	86	0.	83	0.	80	0.	77	0.	75	0.
117	84	0.	82	0.	79	0.	76	0.	73	0.	71	0.
126	81	0.	78	0.	75	0.	73	0.	70	0.	68	0.
135	87	80.00	78	0.	75	0.	73	0.	70	0.	68	0.
144	87	80.00	78	0.	76	0.	73	0.	70	0.	68	0.
153	0	100.00	79	10.00	76	0.	73	0.	71	0.	68	0.
162	0	100.00	80	20.00	77	0.	74	0.	71	0.	69	0.
171	0	100.00	82	40.00	77	0.	74	0.	72	0.	69	0.
180	0	100.00	83	40.00	78	0.	75	0.	72	0.	70	0.
189	0	100.00	83	40.00	78	0.	75	0.	73	0.	70	0.
198	0	100.00	83	30.00	78	0.	76	0.	73	0.	70	0.
207	0	100.00	82	20.00	79	0.	76	0.	73	0.	71	0.
216	0	100.00	81	0.	79	0.	76	0.	73	0.	71	0.
225	90	80.00	82	0.	79	0.	76	0.	73	0.	71	0.
234	85	0.	82	0.	79	0.	77	0.	74	0.	71	0.
243	89	0.	86	0.	83	0.	80	0.	78	0.	75	0.
252	94	0.	91	0.	88	0.	85	0.	82	0.	79	0.
261	93	0.	90	0.	87	0.	84	0.	81	0.	79	0.
270	93	0.	90	0.	87	0.	84	0.	81	0.	78	0.
279	93	0.	90	0.	87	0.	84	0.	81	0.	79	0.
288	93	0.	90	0.	87	0.	84	0.	81	0.	79	0.
297	92	0.	89	0.	86	0.	83	0.	81	0.	78	0.
306	90	0.	87	0.	85	0.	82	0.	79	0.	76	0.

TABLE 29 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
315	88	0.	85	0.	83	0.	80	0.	77	0.	74	0.
324	86	0.	84	0.	81	0.	78	0.	75	0.	73	0.
333	85	0.	82	0.	79	0.	77	0.	74	0.	71	0.
342	85	0.	82	0.	79	0.	77	0.	74	0.	71	0.
351	88	40.00	82	0.	80	0.	77	0.	74	0.	72	0.
360	89	50.00	83	0.	80	0.	77	0.	75	0.	72	0.
AVERAGE SHIELDING		34.75		5.00		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		89		84		81		78		75		73

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 29

SHIELDING OF TARGET AT POSITION D
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
6	0	100.00	92	80.00	87	30.00	84	0.	82	0.	80	0.
12	0	100.00	92	80.00	88	40.00	85	0.	83	0.	81	0.
18	0	100.00	92	80.00	88	30.00	85	0.	83	0.	81	0.
24	0	100.00	93	90.00	88	40.00	85	0.	83	0.	81	0.
30	0	100.00	92	80.00	87	30.00	84	0.	82	0.	80	0.
36	0	100.00	91	70.00	86	10.00	84	0.	82	0.	80	0.
42	0	100.00	88	30.00	85	0.	83	0.	81	0.	79	0.
48	0	100.00	87	10.00	85	0.	83	0.	81	0.	79	0.
54	0	100.00	87	0.	85	0.	83	0.	81	0.	79	0.
60	87	10.00	86	0.	84	0.	82	0.	80	0.	78	0.
66	88	0.	86	0.	84	0.	82	0.	80	0.	78	0.
72	88	0.	86	0.	84	0.	82	0.	81	0.	79	0.
78	88	0.	86	0.	84	0.	83	0.	81	0.	79	0.
84	88	0.	86	0.	84	0.	82	0.	80	0.	79	0.
90	88	0.	86	0.	84	0.	82	0.	80	0.	78	0.
96	88	0.	86	0.	84	0.	82	0.	80	0.	78	0.
102	88	0.	86	0.	84	0.	82	0.	80	0.	79	0.
108	85	0.	83	0.	81	0.	79	0.	77	0.	75	0.
114	83	10.00	81	0.	79	0.	77	0.	75	0.	73	0.
120	87	90.00	81	0.	79	0.	77	0.	75	0.	74	0.
126	0	100.00	82	20.00	79	0.	77	0.	76	0.	74	0.
132	0	100.00	84	50.00	80	0.	78	0.	76	0.	74	0.
138	0	100.00	84	50.00	80	10.00	78	0.	76	0.	75	0.
144	0	100.00	85	60.00	81	20.00	78	0.	77	0.	75	0.
150	0	100.00	86	70.00	82	40.00	79	10.00	77	0.	75	0.
156	0	100.00	86	70.00	83	40.00	79	10.00	77	0.	76	0.
162	0	100.00	87	70.00	83	40.00	80	20.00	78	0.	76	0.
168	0	100.00	87	70.00	84	50.00	80	20.00	78	0.	76	0.
174	0	100.00	87	70.00	84	50.00	81	20.00	78	0.	76	0.
180	0	100.00	87	70.00	84	50.00	81	30.00	78	10.00	77	0.
186	0	100.00	88	70.00	84	40.00	81	20.00	79	0.	77	0.
192	0	100.00	88	70.00	85	50.00	81	20.00	79	0.	77	0.
198	0	100.00	88	70.00	85	40.00	82	20.00	79	0.	77	0.
204	0	100.00	88	70.00	85	40.00	81	10.00	79	0.	77	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
210	0	100.00	89	70.00	85	40.00	81	10.00	80	0.	78	0.
216	0	100.00	89	70.00	85	30.00	82	0.	80	0.	78	0.
222	0	100.00	88	60.00	84	20.00	82	0.	80	0.	78	0.
228	0	100.00	86	50.00	84	0.	82	0.	80	0.	78	0.
234	0	100.00	87	30.00	84	0.	82	0.	80	0.	78	0.
240	92	90.00	86	0.	84	0.	82	0.	80	0.	78	0.
246	88	20.00	86	0.	84	0.	82	0.	80	0.	78	0.
252	90	0.	88	0.	86	0.	84	0.	82	0.	81	0.
258	93	10.00	91	0.	89	0.	87	0.	85	0.	84	0.
264	92	0.	91	0.	89	0.	87	0.	85	0.	83	0.
270	92	0.	90	0.	88	0.	87	0.	85	0.	83	0.
276	92	0.	90	0.	89	0.	87	0.	85	0.	83	0.
282	92	0.	91	0.	89	0.	87	0.	85	0.	83	0.
288	92	0.	90	0.	88	0.	86	0.	84	0.	82	0.
294	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
300	89	0.	87	0.	85	0.	83	0.	81	0.	79	0.
306	87	0.	85	0.	83	0.	82	0.	80	0.	78	0.
312	87	0.	85	0.	83	0.	81	0.	79	0.	77	0.
318	90	70.00	85	0.	83	0.	81	0.	79	0.	77	0.
324	89	60.00	84	0.	83	0.	81	0.	79	0.	77	0.
330	0	100.00	85	0.	83	0.	81	0.	79	0.	77	0.
336	0	100.00	86	20.00	83	0.	81	0.	80	0.	78	0.
342	0	100.00	86	20.00	83	0.	82	0.	80	0.	78	0.
348	0	100.00	88	40.00	84	0.	83	0.	81	0.	79	0.
354	0	100.00	89	50.00	85	0.	83	0.	81	0.	79	0.
360	0	100.00	91	70.00	86	20.00	84	0.	82	0.	80	0.
AVERAGE SHIELDING		62.67		31.33		12.67		3.17		0.17		0.
AVERAGE TARGET CONTACT ANGLE		89		87		84		82		80		78

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 29

SHIELDING OF TARGET AT POSITION D
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARSET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
4	0	100.00	0	100.00	93	90.00	90	60,00	88	30,00	85	10,00
9	0	100.00	0	100,00	0	100,00	91	60,00	88	40,00	86	20,00
13	0	100,00	0	100,00	0	100,00	92	70,00	89	50,00	87	30,00
18	0	100.00	0	100.00	0	100.00	93	80.00	90	50,00	87	30,00
22	0	100.00	0	100,00	0	100,00	93	90,00	91	60,00	88	40,00
27	0	100.00	0	100.00	0	100.00	0	100,00	91	70,00	88	40,00
31	0	100,00	0	100.00	0	100.00	93	90,00	90	60,00	88	40,00
36	0	100.00	0	100.00	0	100.00	92	90.00	89	50,00	87	20,00
40	0	100,00	0	100.00	0	100,00	90	60,00	88	30,00	85	0,
45	0	100,00	0	100.00	93	90,00	89	50,00	86	10,00	85	0,
49	0	100,00	0	100,00	90	60,00	87	10,00	85	0,	84	0,
54	0	100,00	90	60.00	87	0,	85	0,	84	0,	82	0,
58	0	100.00	87	10.00	86	0,	84	0,	83	0,	82	0,
63	0	100.00	87	0.	86	0,	84	0,	83	0,	81	0,
67	86	0,	86	0,	85	0,	84	0,	82	0,	81	0,
72	88	0,	87	0,	85	0,	84	0,	82	0,	81	0,
76	88	0.	87	0.	85	0,	84	0,	82	0,	81	0,
81	88	0,	87	0.	85	0,	84	0,	82	0,	81	0,
85	88	0.	86	0.	85	0,	83	0,	82	0,	81	0,
90	88	0.	86	0.	85	0,	83	0,	82	0,	80	0,
94	88	0.	86	0,	85	0,	83	0,	82	0,	81	0,
99	88	0.	86	0.	85	0,	83	0,	82	0,	81	0,
103	85	0.	84	0.	82	0,	81	0,	80	0,	78	0,
108	0	100.00	83	0.	81	0,	80	0,	78	0,	77	0,
112	0	100.00	83	0,	81	0.	80	0,	78	0,	77	0,
117	0	100.00	84	30.00	81	0.	80	0,	79	0,	77	0,
121	0	100.00	85	50.00	82	0.	80	0,	79	0,	78	0,
126	0	100.00	86	70.00	83	30,00	81	0.	79	0,	78	0,
130	0	100.00	86	70.00	84	40.00	81	20.00	79	0,	78	0,
135	0	100.00	87	80.00	84	50,00	82	20,00	80	0,	78	0,
139	0	100.00	87	80.00	85	60.00	83	40.00	80	10.00	79	0,
144	0	100,00	88	90.00	85	60.00	83	40.00	81	20,00	79	0,
148	0	100,00	88	90.00	86	60.00	83	40.00	81	30,00	79	10,00
153	0	100.00	88	90.00	86	70.00	84	50,00	82	30,00	79	10.00

TABLE 29 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
157	0	100.00	89	90.00	86	70.00	84	50.00	82	30.00	80	10.00
162	0	100.00	89	90.00	86	70.00	84	50.00	82	30.00	80	20.00
166	0	100.00	89	90.00	87	70.00	84	50.00	82	30.00	80	20.00
171	0	100.00	89	80.00	87	70.00	84	50.00	83	40.00	81	30.00
175	0	100.00	89	80.00	87	70.00	84	50.00	82	30.00	80	20.00
180	0	100.00	89	80.00	87	70.00	85	50.00	83	40.00	80	20.00
184	0	100.00	89	80.00	86	60.00	84	40.00	82	30.00	81	20.00
189	0	100.00	89	80.00	87	60.00	85	50.00	82	30.00	81	20.00
193	0	100.00	89	80.00	87	60.00	84	40.00	82	30.00	80	10.00
198	0	100.00	89	80.00	87	60.00	84	40.00	83	30.00	80	10.00
202	91	90.00	89	70.00	87	60.00	85	40.00	82	20.00	80	0.
207	91	90.00	89	70.00	87	60.00	85	40.00	82	20.00	81	0.
211	0	100.00	89	70.00	87	50.00	84	30.00	82	10.00	81	0.
216	0	100.00	89	70.00	87	50.00	85	30.00	82	10.00	81	0.
220	0	100.00	89	70.00	87	50.00	85	30.00	83	10.00	81	0.
225	0	100.00	90	70.00	87	40.00	84	10.00	83	0.	81	0.
229	0	100.00	89	60.00	87	30.00	84	10.00	83	0.	82	0.
234	0	100.00	90	60.00	87	30.00	85	0.	83	0.	82	0.
238	0	100.00	89	50.00	86	0.	85	0.	83	0.	82	0.
243	0	100.00	88	20.00	86	0.	85	0.	83	0.	82	0.
247	92	90.00	88	0.	86	0.	85	0.	83	0.	82	0.
252	92	70.00	88	0.	86	0.	85	0.	83	0.	82	0.
256	90	0.	89	0.	87	0.	86	0.	85	0.	83	0.
261	93	0.	91	0.	90	0.	88	0.	87	0.	85	0.
265	92	0.	91	0.	89	0.	88	0.	86	0.	85	0.
270	92	0.	91	0.	89	0.	88	0.	86	0.	85	0.
274	92	0.	91	0.	89	0.	88	0.	87	0.	85	0.
279	92	0.	91	0.	90	0.	88	0.	87	0.	85	0.
283	92	0.	91	0.	89	0.	88	0.	86	0.	85	0.
288	91	0.	90	0.	88	0.	87	0.	85	0.	84	0.
292	90	0.	88	0.	87	0.	85	0.	84	0.	83	0.
297	92	90.00	87	0.	86	0.	85	0.	83	0.	82	0.
301	0	100.00	87	0.	85	0.	84	0.	82	0.	81	0.
306	0	100.00	86	0.	85	0.	84	0.	82	0.	81	0.

TABLE 29 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
310	91	50,00	86	0,	85	0,	83	0,	82	0,	80	0,
315	0	100.00	86	10.00	85	0,	83	0,	82	0,	81	0,
319	0	100.00	87	30.00	85	0,	84	0,	82	0,	81	0,
324	0	100.00	89	60.00	86	10.00	84	0,	83	0,	82	0,
328	0	100.00	0	100.00	88	40.00	85	0,	84	0,	82	0,
333	0	100.00	0	100.00	89	60.00	86	20,00	84	0,	83	0,
337	0	100.00	0	100.00	90	80,00	87	30,00	84	0,	83	0,
342	0	100.00	0	100.00	90	70,00	87	30,00	85	0,	83	0,
346	0	100.00	0	100.00	90	60,00	87	30,00	85	10,00	83	0,
351	0	100.00	0	100.00	91	80,00	88	40,00	85	10,00	84	0,
355	0	100,00	0	100,00	92	80,00	89	50,00	86	20,00	84	0,
360	0	100.00	0	100.00	93	90,00	89	50,00	87	30,00	85	10,00
AVERAGE SHIELDING		76,37		52,00		37,62		23,50		12,50		5,50
AVERAGE TARGET CONTACT ANGLE		90		88		87		85		84		82

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 29

SHIELDING OF TARGET AT POSITION D
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
3	0	100.00	0	100.00	0	100.00	92	80.00	90	60.00	89	40.00
7	0	100.00	0	100.00	0	100.00	93	90.00	91	60.00	89	50.00
10	0	100.00	0	100.00	0	100.00	92	80.00	91	60.00	89	40.00
14	0	100.00	0	100.00	0	100.00	93	80.00	91	70.00	89	50.00
18	0	100.00	0	100.00	0	100.00	93	90.00	92	70.00	90	50.00
21	0	100.00	0	100.00	0	100.00	93	90.00	92	70.00	90	50.00
25	0	100.00	0	100.00	0	100.00	0	100.00	92	80.00	90	60.00
28	0	100.00	0	100.00	0	100.00	0	100.00	93	90.00	91	70.00
32	0	100.00	0	100.00	0	100.00	0	100.00	93	90.00	91	70.00
36	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	92	80.00
39	0	100.00	0	100.00	0	100.00	0	100.00	93	90.00	90	80.00
43	0	100.00	0	100.00	0	100.00	92	80.00	90	60.00	88	30.00
46	0	100.00	0	100.00	92	80.00	90	50.00	88	30.00	86	0.
50	0	100.00	92	80.00	90	50.00	88	20.00	86	0.	85	0.
54	0	100.00	92	80.00	89	40.00	87	0.	86	0.	85	0.
57	91	70.00	89	30.00	87	0.	86	0.	84	0.	83	0.
61	89	40.00	87	0.	86	0.	85	0.	84	0.	83	0.
64	89	30.00	87	0.	86	0.	85	0.	84	0.	82	0.
68	89	30.00	87	0.	86	0.	85	0.	83	0.	82	0.
72	88	0.	87	0.	86	0.	84	0.	83	0.	82	0.
75	88	0.	87	0.	86	0.	85	0.	83	0.	82	0.
79	88	0.	87	0.	86	0.	85	0.	83	0.	82	0.
82	88	0.	87	0.	86	0.	84	0.	83	0.	82	0.
86	88	0.	86	0.	85	0.	84	0.	83	0.	82	0.
90	87	0.	86	0.	85	0.	84	0.	83	0.	82	0.
93	86	0.	86	0.	85	0.	84	0.	83	0.	82	0.
97	86	0.	87	0.	85	0.	84	0.	83	0.	82	0.
100	86	0.	85	0.	83	0.	82	0.	81	0.	80	0.
104	88	90.00	84	0.	83	0.	81	0.	80	0.	79	0.
108	0	100.00	84	10.00	83	0.	82	0.	80	0.	79	0.
111	0	100.00	86	60.00	83	0.	82	0.	81	0.	80	0.
115	0	100.00	86	70.00	84	30.00	82	0.	81	0.	80	0.
118	0	100.00	87	80.00	85	50.00	82	10.00	81	0.	80	0.
122	0	100.00	87	90.00	85	60.00	83	30.00	81	0.	80	0.

TABLE 29 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
126	0	100.00	0	100.00	86	70.00	84	40.00	82	20.00	80	0.
129	0	100.00	0	100.00	86	70.00	84	50.00	83	30.00	81	10.00
133	0	100.00	0	100.00	87	80.00	85	60.00	83	40.00	81	20.00
136	0	100.00	0	100.00	87	80.00	85	60.00	83	40.00	81	20.00
140	0	100.00	0	100.00	87	80.00	85	60.00	84	50.00	82	30.00
144	0	100.00	0	100.00	87	80.00	85	60.00	84	50.00	82	30.00
147	0	100.00	0	100.00	88	80.00	86	70.00	84	50.00	83	40.00
151	0	100.00	0	100.00	88	90.00	87	70.00	85	60.00	84	50.00
154	0	100.00	0	100.00	0	100.00	88	80.00	86	70.00	84	50.00
158	0	100.00	0	100.00	0	100.00	88	80.00	86	70.00	84	50.00
162	0	100.00	0	100.00	89	90.00	88	80.00	86	70.00	84	50.00
165	0	100.00	0	100.00	89	90.00	87	70.00	86	60.00	84	50.00
169	0	100.00	90	90.00	88	80.00	87	70.00	85	60.00	84	50.00
172	0	100.00	90	90.00	88	80.00	87	70.00	85	50.00	83	40.00
176	0	100.00	90	90.00	88	80.00	86	60.00	85	50.00	83	40.00
180	0	100.00	90	90.00	88	80.00	86	60.00	85	50.00	83	40.00
183	0	100.00	90	90.00	88	70.00	86	60.00	85	50.00	83	40.00
187	0	100.00	89	80.00	88	70.00	86	60.00	85	50.00	83	40.00
190	0	100.00	89	80.00	88	70.00	86	60.00	85	50.00	83	40.00
194	91	90.00	89	80.00	88	70.00	86	50.00	84	40.00	83	30.00
198	91	90.00	89	80.00	87	60.00	86	50.00	84	40.00	83	30.00
201	91	90.00	89	80.00	87	60.00	86	50.00	84	40.00	83	30.00
205	91	90.00	89	70.00	87	60.00	86	50.00	84	40.00	83	20.00
208	91	90.00	89	70.00	88	60.00	86	50.00	84	30.00	83	20.00
212	91	90.00	89	70.00	88	60.00	86	40.00	84	30.00	83	20.00
216	91	90.00	89	70.00	88	60.00	86	40.00	84	30.00	83	10.00
219	91	90.00	89	70.00	88	60.00	86	40.00	84	20.00	83	10.00
223	92	90.00	90	70.00	88	50.00	86	30.00	85	20.00	83	0.
226	92	90.00	90	70.00	88	50.00	86	30.00	84	10.00	83	0.
230	92	90.00	90	70.00	88	50.00	87	30.00	85	10.00	84	0.
234	92	90.00	90	70.00	89	50.00	86	20.00	85	0.	84	0.
237	0	100.00	91	70.00	88	40.00	86	10.00	85	0.	84	0.
241	0	100.00	90	60.00	88	30.00	86	0.	85	0.	84	0.
244	0	100.00	90	50.00	88	10.00	87	0.	85	0.	84	0.

TABLE 29 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
248	0	100.00	89	30.00	88	0.	86	0,	85	0,	84	0,
252	0	100.00	89	0.	88	0.	86	0,	85	0,	84	0,
255	92	80.00	89	0,	87	0.	86	0,	85	0,	84	0,
259	91	0.	89	0.	88	0.	87	0,	86	0,	85	0,
262	92	0.	91	0.	90	0.	89	0,	88	0,	87	0.
266	92	0.	91	0.	90	0.	89	0,	88	0,	86	0,
270	92	0.	91	0.	90	0.	89	0,	87	0,	86	0,
273	92	0.	91	0.	90	0.	89	0,	88	0,	86	0,
277	92	10.00	91	0.	90	0.	89	0,	88	0,	87	0,
280	92	0.	91	0.	90	0.	89	0,	87	0,	86	0,
284	91	0.	90	0.	89	0.	88	0,	87	0,	86	0,
288	90	0.	89	0.	88	0.	87	0,	86	0,	85	0,
291	91	50.00	89	0,	88	0.	86	0,	85	0,	84	0,
295	0	100.00	88	0.	87	0.	86	0,	85	0,	84	0,
298	0	100.00	88	10.00	87	0.	86	0,	85	0,	84	0,
302	0	100.00	90	70.00	87	0.	86	0,	85	0,	84	0,
306	0	100.00	91	80.00	87	10.00	86	0,	85	0,	84	0,
309	0	100.00	91	90.00	88	30.00	86	0,	85	0,	84	0,
313	0	100.00	0	100.00	88	40.00	86	0,	85	0,	84	0,
316	0	100.00	0	100.00	89	60.00	87	20.00	85	0,	84	0,
320	0	100.00	0	100.00	90	70.00	88	30.00	86	0,	85	0,
324	0	100.00	0	100.00	91	90.00	89	50.00	87	20.00	85	0,
327	0	100.00	0	100.00	0	100.00	90	70.00	88	40.00	85	10.00
331	0	100.00	0	100.00	0	100.00	90	80.00	88	50.00	86	20.00
334	0	100.00	0	100.00	0	100.00	91	90.00	88	50.00	87	30.00
338	0	100.00	0	100.00	0	100.00	91	90.00	89	60.00	87	30.00
342	0	100.00	0	100.00	0	100.00	91	90.00	89	50.00	87	30.00
345	0	100.00	0	100.00	0	100.00	91	80.00	89	50.00	87	30.00
349	0	100.00	0	100.00	0	100.00	91	70.00	89	50.00	87	30.00
352	0	100.00	0	100.00	0	100.00	91	80.00	89	50.00	87	30.00
356	0	100.00	0	100.00	0	100.00	92	80.00	90	60.00	88	40.00
360	0	100.00	0	100.00	0	100.00	92	80.00	90	60.00	88	40.00
AVERAGE SHIELDING		77.80		63.40		51.20		38.20		27.50		17.90
AVERAGE TARGET CONTACT ANGLE		90		89		87		87		86		84

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 29

SHIELDING OF TARGET AT POSITION D
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	0	100.00	0	100.00	0	100.00	0	100,00	0	100,00	92	80,00
6	0	100.00	0	100.00	0	100.00	0	100,00	0	100,00	92	80,00
9	0	100.00	0	100.00	0	100.00	0	100,00	93	90,00	92	80,00
12	0	100.00	0	100.00	0	100.00	0	100,00	0	100,00	92	80,00
15	0	100.00	0	100.00	0	100.00	0	100,00	0	100,00	93	90,00
18	0	100.00	0	100.00	0	100.00	0	100,00	0	100,00	93	90,00
21	0	100.00	0	100.00	0	100.00	0	100,00	0	100,00	0	100,00
24	0	100.00	0	100.00	0	100.00	0	100,00	0	100,00	0	100,00
27	0	100.00	0	100.00	0	100.00	0	100,00	0	100,00	0	100,00
30	0	100.00	0	100.00	0	100.00	0	100,00	0	100,00	0	100,00
33	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	92	80,00
36	0	100.00	0	100.00	0	100.00	0	100,00	92	80,00	91	70,00
39	0	100.00	0	100.00	0	100.00	92	80,00	91	70,00	89	50,00
42	0	100.00	0	100.00	92	80.00	91	60,00	89	40,00	88	30,00
45	0	100.00	92	90.00	91	70.00	89	50,00	88	30,00	86	10,00
48	0	100.00	91	70.00	90	50.00	88	30,00	87	10,00	86	0,
51	91	70.00	90	50.00	88	20.00	87	0,	86	0,	85	0,
54	90	50.00	88	20.00	87	0.	86	0,	85	0,	84	0,
57	89	40.00	87	10.00	86	0.	85	0,	84	0,	83	0,
60	0	100.00	87	0.	86	0.	85	0,	84	0,	84	0,
63	0	100.00	87	0.	86	0.	85	0,	84	0,	83	0,
66	88	10.00	87	0,	86	0.	85	0,	84	0,	83	0,
69	88	0,	87	0.	86	0.	85	0,	84	0,	83	0,
72	88	0,	87	0,	86	0,	85	0,	84	0,	83	0,
75	88	0,	87	0.	86	0.	85	0,	84	0,	83	0,
78	88	0,	87	0,	86	0.	85	0,	84	0,	83	0,
81	88	0.	87	0.	86	0.	85	0.	84	0,	83	0,
84	88	0,	87	0,	86	0.	85	0,	84	0,	83	0,
87	88	0,	87	0,	86	0.	85	0,	84	0,	83	0,
90	87	0.	86	0,	86	0.	85	0,	84	0,	83	0,
93	88	10.00	87	0,	86	0.	85	0,	84	0,	83	0,
96	88	0.	87	0,	86	0.	85	0,	84	0,	83	0,
99	86	0.	85	0,	84	0,	83	0,	82	0,	81	0,
102	88	90.00	84	0.	83	0.	83	0,	82	0,	81	0,

TABLE 29 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
105	0	100.00	85	20.00	84	0.	83	0.	82	0.	81	0.
108	0	100.00	86	60.00	84	10.00	83	0.	82	0.	81	0.
111	0	100.00	87	90.00	85	50.00	83	10.00	82	0.	81	0.
114	0	100.00	0	100.00	86	60.00	84	30.00	82	0.	81	0.
117	0	100.00	0	100.00	86	70.00	84	40.00	83	20.00	82	0.
120	0	100.00	0	100.00	87	80.00	85	50.00	83	30.00	82	10.00
123	0	100.00	0	100.00	87	80.00	85	60.00	84	40.00	82	20.00
126	0	100.00	0	100.00	87	90.00	86	70.00	84	50.00	83	30.00
129	0	100.00	0	100.00	88	90.00	86	70.00	85	50.00	83	30.00
132	0	100.00	0	100.00	0	100.00	87	80.00	85	60.00	84	50.00
135	0	100.00	0	100.00	0	100.00	87	80.00	86	70.00	84	50.00
138	0	100.00	0	100.00	0	100.00	88	90.00	87	80.00	85	60.00
141	0	100.00	0	100.00	0	100.00	0	100.00	88	90.00	86	70.00
144	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	87	80.00
147	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	88	90.00
150	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00
153	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	88	90.00
156	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00	88	80.00
159	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00	88	80.00
162	0	100.00	0	100.00	0	100.00	0	100.00	88	80.00	87	70.00
165	0	100.00	0	100.00	0	100.00	89	90.00	88	80.00	87	70.00
168	0	100.00	0	100.00	0	100.00	89	80.00	87	70.00	86	60.00
171	0	100.00	0	100.00	90	90.00	88	80.00	87	70.00	86	60.00
174	0	100.00	0	100.00	90	90.00	88	80.00	87	70.00	86	60.00
177	0	100.00	0	100.00	89	90.00	88	80.00	87	70.00	86	60.00
180	0	100.00	0	100.00	89	90.00	88	80.00	87	70.00	86	60.00
183	0	100.00	90	90.00	89	80.00	88	70.00	87	60.00	85	50.00
186	0	100.00	90	90.00	89	80.00	88	70.00	87	60.00	85	50.00
189	0	100.00	90	90.00	89	80.00	88	70.00	86	60.00	85	50.00
192	0	100.00	90	90.00	89	80.00	88	70.00	86	60.00	85	50.00
195	0	100.00	90	80.00	88	70.00	87	60.00	86	50.00	85	40.00
198	0	100.00	90	80.00	88	70.00	87	60.00	86	50.00	85	40.00
201	0	100.00	89	80.00	88	70.00	87	60.00	86	50.00	84	40.00
204	91	90.00	89	80.00	88	70.00	87	60.00	86	50.00	84	40.00

TABLE 29 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
207	91	90.00	89	70.00	88	60.00	87	50,00	85	40.00	84	30,00
210	91	90.00	89	70.00	88	60.00	87	50,00	85	40,00	84	30,00
213	90	80.00	89	70.00	88	60.00	87	50,00	85	40,00	84	30,00
216	91	80.00	89	70.00	88	60.00	87	50,00	86	40,00	84	30,00
219	91	80,00	89	70,00	88	60.00	87	50.00	86	40,00	84	20,00
222	91	90.00	90	70.00	88	60.00	87	40,00	86	30.00	84	20,00
225	91	90.00	90	70.00	89	60.00	87	40,00	86	30,00	85	20,00
228	92	90.00	90	70.00	89	60.00	87	40,00	86	30,00	85	10,00
231	92	90.00	90	70.00	89	50.00	88	40,00	86	20,00	85	10,00
234	92	90.00	91	70.00	89	50.00	88	40,00	86	20,00	85	0,
237	92	90,00	91	70,00	89	50.00	88	30,00	86	10,00	85	0,
240	92	90.00	91	70.00	89	40.00	88	20,00	86	0,	85	0,
243	0	100.00	91	70,00	89	40.00	87	10,00	86	0,	86	0,
246	0	100.00	91	60.00	89	30.00	88	0,	87	0,	86	0,
249	0	100.00	91	60,00	89	20.00	88	0,	87	0,	86	0,
252	0	100.00	90	40.00	89	0.	88	0,	87	0,	86	0,
255	0	100.00	89	0.	88	0.	87	0,	87	0,	86	0,
258	93	90.00	89	0.	88	0.	87	0,	86	0,	85	0,
261	91	0.	90	0.	89	0.	88	0,	87	0,	86	0,
264	92	0.	91	0.	90	0.	89	0,	88	0,	87	0,
267	92	0.	91	0.	90	0.	89	0.	88	0,	87	0,
270	92	0.	91	0.	90	0.	89	0,	88	0,	87	0,
273	92	0.	91	0.	90	0.	89	0,	88	0,	87	0,
276	92	0.	91	0.	90	0.	89	0,	88	0,	88	0,
279	92	0.	91	0.	90	0.	89	0,	88	0,	87	0,
282	92	20,00	91	0,	90	0.	89	0,	88	0,	87	0,
285	91	0,	90	0,	89	0.	88	0,	87	0,	86	0,
288	0	100,00	90	0,	89	0.	88	0,	87	0,	86	0,
291	0	100.00	90	10.00	89	0.	88	0,	87	0,	86	0,
294	0	100.00	91	40.00	89	0.	88	0,	87	0,	86	0,
297	0	100.00	92	90.00	89	10,00	88	0,	87	0,	86	0,
300	0	100.00	0	100.00	90	50.00	88	0,	87	0,	86	0,
303	0	100.00	0	100.00	90	70.00	88	20,00	87	0,	86	0,
306	0	100.00	0	100.00	90	70.00	88	30,00	87	0,	86	0,

TABLE 29 (CON,)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
309	0	100.00	0	100,00	90	70,00	88	30,00	87	0,	86	0,
312	0	100.00	0	100,00	90	70,00	88	40,00	87	10,00	86	0,
315	0	100.00	0	100,00	91	80,00	89	50,00	87	20,00	86	0,
318	0	100.00	0	100,00	90	70,00	88	40,00	87	20,00	86	0,
321	0	100.00	0	100,00	91	90,00	89	60,00	88	30,00	86	10,00
324	0	100.00	0	100,00	0	100,00	91	90,00	89	60,00	88	40,00
327	0	100.00	0	100,00	0	100,00	0	100,00	91	80,00	89	50,00
330	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00	90	70,00
333	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	91	80,00
336	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00	91	90,00
339	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
342	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00	92	90,00
345	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	92	90,00
348	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00	92	90,00
351	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00	92	90,00
354	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00	92	90,00
357	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00	92	90,00
360	0	100.00	0	100,00	0	100,00	0	100,00	0	100,00	92	90,00
AVERAGE SHIELDING		90,17		67,50		57,92		49,00		41,67		33,50
AVERAGE TARGET CONTACT ANGLE		90		89		88		87		86		86

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 29

SHIELDING OF TARGET AT POSITION D
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
2	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
5	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
7	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
10	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	94	90.00
12	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
15	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
18	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
20	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
23	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
25	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
28	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
30	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	93	90.00
33	0	100.00	0	100.00	0	100.00	0	100.00	93	80.00	91	70.00
36	0	100.00	0	100.00	0	100.00	93	90.00	92	80.00	90	60.00
38	0	100.00	0	100.00	93	90.00	91	70.00	90	60.00	89	50.00
41	93	90.00	92	80.00	91	60.00	90	50.00	89	40.00	87	20.00
43	92	80.00	91	70.00	90	50.00	89	40.00	87	20.00	86	10.00
46	91	70.00	90	60.00	89	40.00	88	30.00	86	10.00	86	0.
48	0	100.00	90	60.00	89	40.00	88	30.00	87	10.00	86	0.
51	0	100.00	0	100.00	89	40.00	88	20.00	87	10.00	86	0.
54	0	100.00	0	100.00	89	40.00	88	20.00	87	0.	86	0.
56	0	100.00	90	80.00	88	20.00	87	0.	86	0.	85	0.
59	0	100.00	89	30.00	87	0.	87	0.	86	0.	85	0.
61	0	100.00	88	20.00	87	0.	86	0.	86	0.	85	0.
64	0	100.00	88	10.00	87	0.	86	0.	85	0.	85	0.
66	0	100.00	88	0.	87	0.	86	0.	85	0.	84	0.
69	88	30.00	87	0.	86	0.	85	0.	84	0.	84	0.
72	87	0.	87	0.	86	0.	85	0.	84	0.	83	0.
74	87	0.	86	0.	86	0.	85	0.	84	0.	83	0.
77	87	0.	86	0.	86	0.	85	0.	84	0.	83	0.
79	87	0.	86	0.	86	0.	85	0.	84	0.	83	0.
82	88	0.	87	0.	86	0.	85	0.	84	0.	84	0.
84	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
87	87	0.	87	0.	86	0.	85	0.	84	0.	83	0.

TABLE 29 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARSET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
90	87	0.	87	0.	86	0.	85	0.	84	0.	83	0.
92	87	10.00	87	0.	86	0.	85	0.	84	0.	83	0.
95	87	0.	87	0.	86	0.	85	0.	84	0.	83	0.
97	86	0.	85	0.	84	0.	83	0.	83	0.	82	0.
100	88	90.00	85	0.	84	0.	83	0.	82	0.	82	0.
102	0	100.00	85	20.00	84	0.	83	0.	83	0.	82	0.
105	0	100.00	86	60.00	84	10.00	84	0.	83	0.	82	0.
108	0	100.00	87	90.00	86	50.00	84	10.00	83	0.	82	0.
110	0	100.00	0	100.00	86	70.00	85	40.00	83	10.00	82	0.
113	0	100.00	0	100.00	87	80.00	86	60.00	84	30.00	83	10.00
115	0	100.00	0	100.00	87	90.00	86	70.00	84	40.00	83	20.00
118	0	100.00	0	100.00	87	90.00	86	70.00	85	50.00	84	30.00
120	0	100.00	0	100.00	0	100.00	86	70.00	85	60.00	84	40.00
123	0	100.00	0	100.00	0	100.00	87	80.00	86	70.00	85	50.00
126	0	100.00	0	100.00	0	100.00	88	90.00	86	70.00	85	60.00
128	0	100.00	0	100.00	0	100.00	0	100.00	87	80.00	86	70.00
131	0	100.00	0	100.00	0	100.00	0	100.00	87	80.00	86	70.00
133	0	100.00	0	100.00	0	100.00	0	100.00	88	90.00	86	70.00
136	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	87	80.00
138	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	88	90.00
141	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	88	90.00
144	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00
146	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
149	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
151	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
154	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
156	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00
159	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00
162	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00
164	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00	88	80.00
167	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00	88	80.00
169	0	100.00	0	100.00	0	100.00	90	90.00	89	80.00	88	80.00
172	0	100.00	0	100.00	0	100.00	90	90.00	89	80.00	87	70.00
174	0	100.00	0	100.00	0	100.00	90	90.00	88	80.00	87	70.00

TABLE 29 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
177	0	100.00	0	100.00	0	100.00	89	90.00	88	80.00	87	70.00
180	0	100.00	0	100.00	90	90.00	89	90.00	88	80.00	87	70.00
182	0	100.00	0	100.00	90	90.00	89	80.00	88	70.00	87	70.00
185	0	100.00	0	100.00	90	90.00	89	80.00	88	70.00	87	60.00
187	0	100.00	91	90.00	90	90.00	89	80.00	88	70.00	87	60.00
190	0	100.00	91	90.00	89	80.00	89	80.00	88	70.00	87	60.00
192	0	100.00	90	90.00	89	80.00	88	70.00	87	60.00	86	60.00
195	0	100.00	90	90.00	89	80.00	88	70.00	87	60.00	86	50.00
198	0	100.00	90	80.00	89	80.00	88	70.00	87	60.00	86	50.00
200	0	100.00	90	80.00	89	70.00	88	60.00	87	60.00	86	50.00
203	91	90.00	90	80.00	88	70.00	87	60.00	86	50.00	85	40.00
205	90	90.00	89	80.00	88	70.00	87	60.00	86	50.00	85	40.00
208	90	80.00	89	70.00	88	70.00	87	60.00	86	50.00	85	40.00
210	90	80.00	89	70.00	88	70.00	87	60.00	86	50.00	85	40.00
213	90	80.00	89	70.00	88	60.00	87	50.00	86	50.00	85	40.00
216	90	80.00	89	70.00	88	60.00	87	50.00	86	40.00	85	30.00
218	90	80.00	89	70.00	88	60.00	87	50.00	86	40.00	85	30.00
221	91	80.00	89	70.00	88	60.00	87	50.00	86	40.00	85	30.00
223	91	80.00	90	70.00	89	60.00	88	50.00	86	30.00	85	20.00
226	91	80.00	90	70.00	89	60.00	88	50.00	86	30.00	85	20.00
228	91	80.00	90	70.00	89	60.00	88	40.00	87	30.00	86	20.00
231	91	80.00	90	70.00	89	60.00	88	40.00	87	30.00	86	20.00
234	92	90.00	91	70.00	89	60.00	88	40.00	87	30.00	86	20.00
236	92	90.00	91	70.00	90	60.00	88	40.00	87	20.00	86	10.00
239	92	90.00	91	70.00	89	50.00	88	30.00	87	20.00	86	0.
241	92	90.00	91	70.00	90	50.00	88	30.00	87	10.00	86	0.
244	92	90.00	91	70.00	90	40.00	88	20.00	87	0.	86	0.
246	93	90.00	91	60.00	90	40.00	88	10.00	87	0.	86	0.
249	0	100.00	91	60.00	90	30.00	88	0.	87	0.	87	0.
252	0	100.00	91	60.00	89	20.00	88	0.	88	0.	87	0.
254	0	100.00	91	40.00	89	0.	88	0.	87	0.	87	0.
257	0	100.00	90	10.00	89	0.	88	0.	87	0.	87	0.
259	93	90.00	90	0.	89	0.	88	0.	87	0.	86	0.
262	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.

TABLE 29 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
264	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
267	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
270	92	0.	91	0.	90	0.	89	0.	89	0.	88	0.
272	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
275	92	10.00	91	0.	91	0.	90	0.	89	0.	88	0.
277	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
280	93	50.00	91	0.	90	0.	89	0.	89	0.	88	0.
282	93	60.00	91	0.	90	0.	89	0.	88	0.	87	0.
285	0	100.00	91	0.	90	0.	89	0.	88	0.	87	0.
288	0	100.00	92	60.00	90	0.	89	0.	88	0.	87	0.
290	0	100.00	93	90.00	90	10.00	89	0.	88	0.	87	0.
293	0	100.00	0	100.00	91	60.00	89	10.00	89	0.	88	0.
295	0	100.00	0	100.00	0	100.00	90	40.00	89	0.	88	0.
298	0	100.00	0	100.00	0	100.00	91	60.00	89	20.00	88	0.
300	0	100.00	0	100.00	0	100.00	91	90.00	90	50.00	88	10.00
303	0	100.00	0	100.00	0	100.00	91	90.00	90	60.00	88	20.00
306	0	100.00	0	100.00	0	100.00	91	80.00	89	40.00	87	10.00
308	0	100.00	0	100.00	91	90.00	90	60.00	88	30.00	87	0.
311	0	100.00	0	100.00	90	70.00	89	40.00	87	20.00	86	0.
313	0	100.00	91	90.00	90	60.00	88	40.00	87	10.00	86	0.
316	0	100.00	0	100.00	90	70.00	88	40.00	87	20.00	86	0.
318	0	100.00	0	100.00	91	80.00	89	60.00	88	30.00	87	20.00
321	0	100.00	0	100.00	0	100.00	91	80.00	89	60.00	88	40.00
324	0	100.00	0	100.00	0	100.00	0	100.00	91	80.00	89	60.00
326	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	90	80.00
329	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
331	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
334	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
336	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
339	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
342	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
344	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
347	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
349	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
352	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
354	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
357	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
360	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	93	90,00
AVERAGE SHIELDING		83,64		72,00		63,36		55,43		47,71		41,00
AVERAGE TARGET CONTACT ANGLE		90		89		88		88		87		86

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 29

SHIELDING OF TARGET AT POSITION D
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TABSET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BORST 500 CM
2	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	93	90,00
4	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	93	90,00
6	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	93	90,00
9	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
11	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
13	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
15	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
18	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
20	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
22	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
24	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
27	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
29	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
31	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	93	90,00
33	0	100,00	0	100,00	0	100,00	0	100,00	93	90,00	92	80,00
36	0	100,00	0	100,00	0	100,00	0	100,00	92	80,00	91	70,00
38	0	100,00	0	100,00	93	90,00	92	80,00	91	70,00	90	60,00
40	0	100,00	0	100,00	92	80,00	91	70,00	90	60,00	89	50,00
42	0	100,00	0	100,00	0	100,00	91	70,00	90	60,00	89	40,00
45	0	100,00	0	100,00	0	100,00	91	70,00	90	60,00	89	40,00
47	0	100,00	0	100,00	0	100,00	91	80,00	90	50,00	89	40,00
49	0	100,00	0	100,00	0	100,00	0	100,00	90	50,00	89	40,00
51	0	100,00	0	100,00	0	100,00	0	100,00	90	50,00	89	40,00
54	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	89	30,00
56	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	89	30,00
58	0	100,00	0	100,00	0	100,00	0	100,00	91	90,00	89	30,00
60	0	100,00	0	100,00	0	100,00	90	80,00	88	20,00	87	0,
63	0	100,00	0	100,00	89	50,00	88	10,00	87	0,	86	0,
65	0	100,00	0	100,00	88	10,00	87	0,	86	0,	86	0,
67	0	100,00	88	30,00	87	0,	87	0,	86	0,	85	0,
69	0	100,00	87	0,	87	0,	86	0,	85	0,	85	0,
72	0	100,00	87	0,	86	0,	86	0,	85	0,	84	0,
74	0	100,00	87	0,	86	0,	85	0,	85	0,	84	0,
76	0	100,00	87	0,	86	0,	85	0,	85	0,	84	0,

TABLE 29 (CON,)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
78	89	70,00	87	0,	86	0,	85	0,	84	0,	84	0,
81	88	40,00	87	0,	86	0,	85	0,	85	0,	84	0,
83	88	0,	87	0,	86	0,	85	0,	85	0,	84	0,
85	88	0,	87	0,	86	0,	85	0,	85	0,	84	0,
87	87	0,	87	0,	86	0,	85	0,	85	0,	84	0,
90	87	0,	87	0,	86	0,	85	0,	85	0,	84	0,
92	88	30,00	87	0,	86	0,	85	0,	85	0,	84	0,
94	87	0,	86	0,	86	0,	85	0,	84	0,	84	0,
96	86	0,	85	0,	85	0,	84	0,	83	0,	82	0,
99	0	100,00	85	0,	84	0,	84	0,	83	0,	82	0,
101	0	100,00	85	10,00	85	0,	84	0,	83	0,	83	0,
103	0	100,00	86	50,00	85	10,00	84	0,	83	0,	83	0,
105	0	100,00	87	80,00	86	40,00	84	10,00	84	0,	83	0,
108	0	100,00	0	100,00	87	70,00	85	40,00	84	10,00	83	0,
110	0	100,00	0	100,00	87	90,00	86	60,00	85	40,00	83	10,00
112	0	100,00	0	100,00	0	100,00	86	70,00	85	50,00	84	30,00
114	0	100,00	0	100,00	0	100,00	87	80,00	86	60,00	84	40,00
117	0	100,00	0	100,00	0	100,00	87	80,00	86	70,00	85	50,00
119	0	100,00	0	100,00	0	100,00	88	90,00	87	80,00	86	60,00
121	0	100,00	0	100,00	0	100,00	0	100,00	87	90,00	86	70,00
123	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	87	80,00
126	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	88	90,00
128	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	88	90,00
130	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
132	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
135	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
137	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
139	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
141	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
144	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
146	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
148	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
150	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00
153	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00	0	100,00

TABLE 29 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
155	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
157	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
159	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
162	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
164	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00
166	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00
168	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00
171	0	100.00	0	100.00	0	100.00	0	100.00	90	90.00	89	90.00
173	0	100.00	0	100.00	0	100.00	0	100.00	90	90.00	89	80.00
175	0	100.00	0	100.00	0	100.00	0	100.00	90	90.00	89	80.00
177	0	100.00	0	100.00	0	100.00	90	90.00	89	90.00	88	80.00
180	0	100.00	0	100.00	0	100.00	90	90.00	89	80.00	88	80.00
182	0	100.00	0	100.00	0	100.00	90	90.00	89	80.00	88	80.00
184	0	100.00	0	100.00	90	90.00	90	90.00	89	80.00	88	70.00
186	0	100.00	0	100.00	90	90.00	89	80.00	89	80.00	88	70.00
189	0	100.00	0	100.00	90	90.00	89	80.00	89	80.00	88	70.00
191	0	100.00	91	90.00	90	90.00	89	80.00	88	70.00	87	70.00
193	0	100.00	91	90.00	90	80.00	89	80.00	88	70.00	87	60.00
195	0	100.00	90	90.00	90	80.00	89	80.00	88	70.00	87	60.00
198	0	100.00	90	90.00	89	80.00	88	70.00	88	70.00	87	60.00
200	0	100.00	90	80.00	89	80.00	88	70.00	87	60.00	87	60.00
202	0	100.00	90	80.00	89	70.00	88	70.00	87	60.00	86	50.00
204	0	100.00	90	80.00	89	70.00	88	60.00	87	60.00	86	50.00
207	0	100.00	90	80.00	89	70.00	88	60.00	87	60.00	86	50.00
209	91	90.00	90	80.00	89	70.00	88	60.00	87	50.00	86	50.00
211	90	90.00	89	70.00	89	70.00	88	60.00	87	50.00	86	40.00
213	90	80.00	89	70.00	88	60.00	88	60.00	87	50.00	86	40.00
216	90	80.00	89	70.00	88	60.00	87	50.00	87	50.00	86	40.00
218	90	80.00	89	70.00	88	60.00	87	50.00	87	40.00	86	40.00
220	90	80.00	89	70.00	88	60.00	88	50.00	87	40.00	86	40.00
222	90	80.00	89	70.00	89	60.00	88	50.00	87	40.00	86	30.00
225	91	80.00	90	70.00	89	60.00	88	50.00	87	40.00	86	30.00
227	91	80.00	90	70.00	89	60.00	88	50.00	87	40.00	86	30.00
229	91	80.00	90	70.00	89	60.00	88	50.00	87	40.00	86	30.00

TABLE 29 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
231	91	80.00	90	70.00	89	60.00	88	40.00	87	30.00	86	20.00
234	91	80.00	90	70.00	89	60.00	88	50.00	87	30.00	86	20.00
236	91	80.00	91	70.00	90	60.00	88	40.00	88	30.00	87	20.00
238	92	80.00	91	70.00	90	50.00	89	40.00	87	20.00	87	10.00
240	92	80.00	91	70.00	90	50.00	89	30.00	88	20.00	87	0.
243	92	80.00	91	60.00	90	50.00	89	30.00	88	10.00	87	0.
245	92	80.00	91	60.00	90	40.00	89	30.00	88	10.00	87	0.
247	92	80.00	91	60.00	90	40.00	89	20.00	88	0.	87	0.
249	92	90.00	91	60.00	90	40.00	89	10.00	88	0.	87	0.
252	93	90.00	91	60.00	90	30.00	89	0.	88	0.	87	0.
254	93	90.00	91	50.00	89	10.00	89	0.	88	0.	87	0.
256	93	90.00	91	30.00	89	0.	89	0.	88	0.	87	0.
258	92	80.00	90	0.	89	0.	89	0.	88	0.	87	0.
261	92	60.00	90	0.	89	0.	89	0.	88	0.	87	0.
263	91	0.	91	0.	90	0.	89	0.	89	0.	88	0.
265	92	10.00	91	0.	91	0.	90	0.	89	0.	89	0.
267	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
270	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
272	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
274	92	0.	91	0.	91	0.	90	0.	89	0.	89	0.
276	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
279	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
281	92	20.00	91	0.	90	0.	90	0.	89	0.	88	0.
283	93	80.00	91	0.	90	0.	90	0.	89	0.	88	0.
285	0	100.00	93	70.00	91	0.	90	0.	89	0.	89	0.
288	0	100.00	0	100.00	92	70.00	90	10.00	90	0.	89	0.
290	0	100.00	0	100.00	0	100.00	92	60.00	90	10.00	89	0.
292	0	100.00	0	100.00	0	100.00	92	80.00	91	40.00	89	0.
294	0	100.00	0	100.00	0	100.00	0	100.00	92	70.00	90	20.00
297	0	100.00	0	100.00	0	100.00	0	100.00	92	90.00	91	50.00
299	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	91	70.00
301	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	91	80.00
303	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	91	80.00
306	0	100.00	0	100.00	0	100.00	0	100.00	91	90.00	90	70.00

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
308	0	100.00	0	100.00	0	100.00	0	100.00	91	80.00	89	50.00
310	0	100.00	0	100.00	0	100.00	91	90.00	90	60.00	89	40.00
312	0	100.00	0	100.00	0	100.00	91	80.00	89	50.00	88	30.00
315	0	100.00	0	100.00	0	100.00	90	70.00	89	50.00	88	40.00
317	0	100.00	0	100.00	91	90.00	90	70.00	89	50.00	88	30.00
319	0	100.00	0	100.00	91	90.00	90	70.00	89	50.00	88	30.00
321	0	100.00	0	100.00	91	90.00	90	70.00	89	60.00	88	40.00
324	0	100.00	0	100.00	0	100.00	0	100.00	91	80.00	89	50.00
326	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	91	80.00
328	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
330	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
333	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
335	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
337	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
339	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
342	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
344	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
346	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
348	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
351	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
353	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
355	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
357	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
360	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
AVERAGE SHIELDING		86.94		76.62		71.12		65.00		58.31		50.44
AVERAGE TARGET CONTACT ANGLE		91		89		89		88		88		87

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 30

SHIELDING OF TARGET AT POSITION E
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
18	90	0.	84	0.	78	0.	73	0.	68	0.	63	0.
36	90	0.	85	0.	79	0.	73	0.	68	0.	64	0.
54	90	0.	85	0.	79	0.	74	0.	68	0.	64	0.
72	89	0.	84	0.	78	0.	73	0.	68	0.	63	0.
90	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
108	89	0.	83	0.	78	0.	72	0.	67	0.	63	0.
126	91	10.00	85	0.	80	0.	74	0.	69	0.	64	0.
144	87	0.	82	0.	76	0.	71	0.	66	0.	61	0.
162	82	0.	76	0.	71	0.	66	0.	61	0.	57	0.
180	91	0.	85	0.	80	0.	74	0.	69	0.	64	0.
198	84	0.	78	0.	73	0.	68	0.	63	0.	58	0.
216	90	0.	84	0.	79	0.	73	0.	68	0.	63	0.
234	97	20.00	90	0.	84	0.	78	0.	73	0.	68	0.
252	94	0.	88	0.	82	0.	77	0.	71	0.	66	0.
270	94	0.	88	0.	82	0.	77	0.	71	0.	66	0.
288	94	0.	88	0.	82	0.	77	0.	71	0.	66	0.
306	94	0.	88	0.	82	0.	77	0.	72	0.	67	0.
324	93	0.	87	0.	81	0.	76	0.	70	0.	65	0.
342	91	0.	85	0.	79	0.	74	0.	69	0.	64	0.
360	90	0.	84	0.	78	0.	73	0.	68	0.	63	0.
AVERAGE SHIELDING		1.90		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		85		79		74		69		64

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 30

SHIELDING OF TARGET AT POSITION E
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
9	0	100.00	85	0.	83	0.	80	0.	77	0.	74	0.
19	0	100.00	86	0.	83	0.	80	0.	77	0.	75	0.
27	0	100.00	86	0.	83	0.	80	0.	77	0.	75	0.
36	87	0.	84	0.	82	0.	79	0.	76	0.	73	0.
45	88	0.	85	0.	82	0.	79	0.	77	0.	74	0.
54	88	0.	85	0.	83	0.	80	0.	77	0.	74	0.
63	89	0.	86	0.	83	0.	80	0.	77	0.	75	0.
72	89	0.	86	0.	83	0.	80	0.	78	0.	75	0.
81	88	0.	85	0.	83	0.	80	0.	77	0.	74	0.
90	90	0.	87	0.	85	0.	82	0.	79	0.	76	0.
99	88	0.	85	0.	82	0.	80	0.	77	0.	74	0.
108	88	0.	86	0.	83	0.	80	0.	77	0.	74	0.
117	84	0.	81	0.	78	0.	76	0.	73	0.	70	0.
126	81	0.	78	0.	75	0.	73	0.	70	0.	67	0.
135	87	80.00	78	0.	75	0.	73	0.	70	0.	68	0.
144	88	90.00	78	0.	76	0.	73	0.	70	0.	68	0.
153	0	100.00	79	10.00	76	0.	73	0.	71	0.	68	0.
162	0	100.00	81	30.00	77	0.	74	0.	71	0.	69	0.
171	0	100.00	82	40.00	77	0.	74	0.	72	0.	69	0.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
252	94	10.00	91	0.	88	0.	86	0.	82	0.	79	0.
261	93	0.	90	0.	87	0.	84	0.	81	0.	79	0.
270	93	0.	90	0.	87	0.	84	0.	81	0.	78	0.
279	93	0.	90	0.	87	0.	84	0.	81	0.	79	0.
288	93	0.	90	0.	87	0.	84	0.	82	0.	79	0.
297	92	0.	89	0.	86	0.	83	0.	81	0.	78	0.
306	90	0.	87	0.	85	0.	82	0.	79	0.	76	0.

TABLE 30 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
315	89	0.	86	0.	83	0.	80	0.	77	0.	75	0.
324	87	0.	84	0.	81	0.	79	0.	76	0.	73	0.
333	89	40.00	84	0.	81	0.	78	0.	76	0.	73	0.
342	91	50.00	84	0.	82	0.	79	0.	76	0.	73	0.
351	94	80.00	85	0.	82	0.	79	0.	76	0.	74	0.
360	0	100.00	85	0.	82	0.	79	0.	77	0.	74	0.
AVERAGE SHIELDING		40.25		5.00		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		89		84		81		79		76		73

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 30
SHIELDING OF TARGET AT POSITION E
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
0	[illegible]	[illegible]	99	[illegible]	91	50.00	99	10.00	89	0.	83	0.
12	0	100.00	0	[illegible]	92	60.00	87	20.00	85	0.	83	0.
18	0	100.00	95	90.00	91	50.00	87	10.00	85	0.	83	0.
24	0	[illegible]	0	[illegible]	90	40.00	87	0.	85	0.	83	0.
30	0	[illegible]	94	[illegible]	89	30.00	86	0.	84	0.	82	0.
36	0	100.00	93	70.00	87	0.	85	0.	83	0.	82	0.
42	94	90.00	88	10.00	86	0.	84	0.	82	0.	80	0.
48	0	100.00	88	0.	86	0.	84	0.	82	0.	80	0.
54	0	100.00	87	0.	85	0	84	0.	82	0.	80	0.
60	88	0.	86	0.	84	0.	82	0.	81	0.	79	0.
66	88	0.	86	0.	84	0.	83	0.	81	0.	79	0.
72	88	0.	86	0.	85	0.	83	0.	81	0.	79	0.
78	88	0.	86	0.	84	0.	83	0.	81	0.	79	0.
84	88	0.	86	0.	84	0.	82	0.	80	0.	79	0.
90	88	0.	86	0.	84	0.	82	0.	80	0.	78	0.
96	88	0.	86	0.	84	0.	82	0.	80	0.	78	0.
[illegible]	88	0.	86	0.	84	0.	82	0.	80	0.	78	0.
108	85	0	83	0.	81	0.	79	0.	77	0.	75	0.
114	85	90.00	81	0.	79	0.	77	0.	76	0.	74	0.
120	0	100.00	81	0.	79	0.	77	0.	76	0.	74	0.
126	0	100.00	83	30.00	80	0.	78	0.	76	0.	74	0.
132	0	100.00	84	90.00	80	0.	78	0.	76	0.	74	0.
138	0	100.00	85	80.00	81	20.00	78	0.	76	0.	75	0.
144	0	100.00	85	60.00	82	30.00	79	0.	77	0.	75	0.
[illegible]	0	100.00	86	70.00	83	40.00	79	10.00	77	0.	75	0.
156	0	[illegible]	87	70.00	83	40.00	80	20.00	78	0.	76	0.
162	0	100.00	87	80.00	84	50.00	80	20.00	78	0.	76	0.
168	0	100.00	88	80.00	84	50.00	81	30.00	78	0.	76	0.
174	0	100.00	88	80.00	84	50.00	81	30.00	78	0.	76	0.
180	0	100.00	88	80.00	84	50.00	81	30.00	78	10.00	77	0.
186	0	100.00	88	70.00	85	50.00	81	20.00	79	0.	77	0.
192	0	100.00	88	70.00	85	50.00	81	20.00	79	0.	77	0.
198	0	100.00	88	70.00	85	40.00	82	20.00	79	0.	77	0.
204	0	100.00	88	70.00	85	40.00	81	10.00	79	0.	77	0.

TABLE 30 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
210	0	100.00	89	70.00	85	40.00	81	10.00	79	0.	78	0.
216	0	100.00	89	70.00	85	30.00	82	0.	80	0.	78	0.
222	0	100.00	88	60.00	84	20.00	82	0.	80	0.	78	0.
228	0	100.00	88	50.00	84	0.	82	0.	80	0.	78	0.
234	0	100.00	86	30.00	83	0.	82	0.	80	0.	78	0.
240	0	100.00	85	0.	83	0.	81	0.	80	0.	78	0.
246	80	20.00	86	0.	84	0.	82	0.	80	0.	78	0.
252	90	0.	88	0.	86	0.	84	0.	82	0.	80	0.
258	93	10.00	91	0.	89	0.	87	0.	85	0.	84	0.
264	92	0.	91	0.	89	0.	87	0.	85	0.	83	0.
270	92	0.	90	0.	89	0.	87	0.	85	0.	83	0.
276	92	0.	91	0.	89	0.	87	0.	85	0.	83	0.
282	93	0.	91	0.	89	0.	87	0.	85	0.	83	0.
288	92	0.	90	0.	88	0.	86	0.	84	0.	82	0.
294	91	0.	89	0.	87	0.	85	0.	83	0.	81	0.
300	89	0.	87	0.	85	0.	83	0.	81	0.	80	0.
306	88	0.	86	0.	84	0.	82	0.	80	0.	78	0.
312	89	40.00	85	0.	83	0.	81	0.	80	0.	78	0.
318	87	20.00	85	0.	83	0.	81	0.	79	0.	78	0.
324	88	20.00	85	0.	83	0.	82	0.	80	0.	78	0.
330	90	40.00	86	0.	84	0.	82	0.	80	0.	78	0.
336	0	100.00	87	10.00	85	0.	83	0.	81	0.	79	0.
342	0	100.00	89	30.00	86	0.	84	0.	82	0.	80	0.
348	0	100.00	92	60.00	87	20.00	85	0.	83	0.	81	0.
354	0	100.00	93	70.00	89	30.00	86	0.	84	0.	82	0.
360	0	100.00	95	90.00	90	50.00	86	10.00	84	0.	82	0.
AVERAGE SHIELDING		61.50		33.67		15.50		4.50		0.17		0.
AVERAGE TARGET CONTACT ANGLE		89		88		85		83		81		79

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 39

SHIELDING OF TARGET AT POSITION E
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
4	0	100.00	0	100.00	95	90.00	93	70.00	90	40.00	88	20.00
9	0	100.00	0	100.00	0	100.00	93	70.00	91	50.00	89	30.00
13	0	100.00	0	100.00	0	100.00	94	80.00	92	60.00	90	40.00
18	0	100.00	0	100.00	0	100.00	95	80.00	92	60.00	90	40.00
22	0	100.00	0	100.00	0	100.00	95	90.00	92	60.00	90	40.00
27	0	100.00	0	100.00	0	100.00	0	100.00	93	70.00	91	50.00
31	0	100.00	0	100.00	0	100.00	94	80.00	91	50.00	89	30.00
36	0	100.00	0	100.00	93	80.00	90	40.00	88	10.00	86	0.
40	0	100.00	94	90.00	91	50.00	89	20.00	87	0.	85	0.
45	0	100.00	93	70.00	89	30.00	87	0.	86	0.	84	0.
49	92	60.00	88	10.00	87	0.	85	0.	84	0.	82	0.
54	90	30.00	87	0.	86	0.	85	0.	83	0.	82	0.
58	89	30.00	87	0.	86	0.	84	0.	83	0.	81	0.
63	90	40.00	87	0.	85	0.	84	0.	83	0.	81	0.
67	88	0.	87	0.	85	0.	84	0.	82	0.	81	0.
72	88	0.	87	0.	85	0.	84	0.	82	0.	81	0.
76	88	0.	87	0.	85	0.	84	0.	83	0.	81	0.
81	88	0.	87	0.	85	0.	84	0.	82	0.	81	0.
85	88	0.	86	0.	85	0.	83	0.	82	0.	81	0.
90	88	0.	86	0.	85	0.	83	0.	82	0.	80	0.
94	88	0.	86	0.	85	0.	83	0.	82	0.	81	0.
99	88	0.	86	0.	85	0.	84	0.	82	0.	81	0.
103	85	0.	84	0.	83	0.	81	0.	80	0.	78	0.
108	0	100.00	83	0.	81	0.	80	0.	79	0.	77	0.
112	0	100.00	83	0.	82	0.	80	0.	79	0.	77	0.
117	0	100.00	85	50.00	82	0.	80	0.	79	0.	78	0.
121	0	100.00	86	70.00	83	20.00	81	0.	79	0.	78	0.
126	0	100.00	87	80.00	84	50.00	81	10.00	80	0.	78	0.
130	0	100.00	88	90.00	84	50.00	82	30.00	80	0.	78	0.
135	0	100.00	88	90.00	85	60.00	82	30.00	80	10.00	79	0.
139	0	100.00	88	90.00	86	70.00	83	40.00	81	20.00	79	0.
144	0	100.00	88	90.00	86	70.00	84	50.00	81	30.00	79	10.00
148	0	100.00	89	90.00	86	70.00	84	50.00	82	30.00	79	10.00
153	0	100.00	89	90.00	86	70.00	84	50.00	82	40.00	80	20.00

TABLE 30 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** M CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
157	0	100.00	89	90.00	87	70.00	85	60.00	83	40.00	80	20.00
162	0	100.00	89	90.00	87	70.00	85	60.00	83	40.00	80	20.00
166	0	100.00	89	90.00	87	70.00	85	50.00	83	40.00	81	20.00
171	0	100.00	89	90.00	87	70.00	85	60.00	83	40.00	81	30.00
175	0	100.00	89	90.00	87	70.00	85	50.00	83	40.00	81	20.00
180	0	100.00	89	90.00	87	70.00	85	60.00	83	40.00	81	30.00
184	0	100.00	90	90.00	87	70.00	85	50.00	83	30.00	81	20.00
189	0	100.00	89	80.00	87	70.00	85	50.00	83	40.00	81	20.00
193	0	100.00	89	80.00	87	60.00	85	50.00	83	30.00	81	20.00
198	0	100.00	89	80.00	87	60.00	85	40.00	83	30.00	81	10.00
202	0	100.00	89	80.00	87	60.00	85	40.00	83	20.00	81	10.00
207	0	100.00	89	80.00	87	60.00	85	40.00	83	20.00	81	0.
211	0	100.00	90	80.00	87	50.00	85	30.00	83	20.00	81	0.
216	0	100.00	89	70.00	87	50.00	85	30.00	82	10.00	81	0.
220	0	100.00	89	70.00	87	50.00	85	30.00	83	10.00	81	0.
225	0	100.00	90	70.00	87	40.00	85	20.00	83	0.	81	0.
229	0	100.00	90	70.00	87	40.00	84	10.00	83	0.	82	0.
234	0	100.00	90	70.00	87	30.00	84	0.	83	0.	82	0.
238	0	100.00	90	60.00	86	10.00	85	0.	83	0.	82	0.
243	0	100.00	88	30.00	86	0.	84	0.	83	0.	82	0.
247	0	100.00	87	0.	86	0.	84	0.	83	0.	82	0.
252	92	80.00	87	0.	86	0.	85	0.	83	0.	82	0.
256	91	0.	89	0.	88	0.	86	0.	85	0.	83	0.
261	93	10.00	91	0.	90	0.	89	0.	87	0.	86	0.
265	92	0.	91	0.	89	0.	88	0.	87	0.	85	0.
270	92	0.	91	0.	89	0.	88	0.	86	0.	85	0.
274	92	0.	91	0.	89	0.	88	0.	87	0.	85	0.
279	92	0.	91	0.	90	0.	88	0.	87	0.	85	0.
283	92	0.	91	0.	89	0.	88	0.	86	0.	85	0.
288	91	0.	90	0.	88	0.	87	0.	85	0.	84	0.
292	89	0.	88	0.	87	0.	85	0.	84	0.	82	0.
297	88	0.	87	0.	85	0.	84	0.	83	0.	81	0.
301	89	30.00	86	0.	85	0.	84	0.	82	0.	81	0.
306	90	60.00	86	0.	85	0.	84	0.	82	0.	81	0.

TABLE 30 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
310	91	90.00	87	0.	85	0.	84	0.	82	0.	81	0.
315	0	100.00	88	30.00	86	0.	84	0.	83	0.	82	0.
319	0	100.00	88	30.00	86	0.	84	0.	83	0.	82	0.
324	0	100.00	90	50.00	86	0.	85	0.	84	0.	82	0.
328	0	100.00	91	60.00	87	10.00	86	0.	84	0.	83	0.
333	0	100.00	92	80.00	89	30.00	86	0.	85	0.	84	0.
337	0	100.00	93	90.00	90	40.00	87	10.00	86	0.	84	0.
342	0	100.00	0	100.00	91	50.00	89	30.00	86	0.	85	0.
346	0	100.00	0	100.00	92	60.00	90	40.00	87	20.00	86	0.
351	0	100.00	0	100.00	93	70.00	91	50.00	88	30.00	86	0.
355	0	100.00	0	100.00	94	80.00	91	50.00	89	30.00	86	10.00
360	0	100.00	0	100.00	94	80.00	92	60.00	89	40.00	87	20.00
AVERAGE SHIELDING		71.62		51.25		35.00		23.25		13.75		6.75
AVERAGE TARGET CONTACT ANGLE		90		88		87		85		84		82

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 30

SHIELDING OF TARGET AT POSITION E
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	0	100.00	0	100.00	95	90.00	94	80.00	92	60.00	90	50.00
7	0	100.00	0	100.00	0	100.00	94	80.00	93	70.00	91	50.00
10	0	100.00	0	100.00	0	100.00	95	90.00	93	70.00	92	60.00
14	0	100.00	0	100.00	0	100.00	95	90.00	94	80.00	92	60.00
18	0	100.00	0	100.00	0	100.00	0	100.00	94	80.00	92	60.00
21	0	100.00	0	100.00	0	100.00	0	100.00	94	80.00	92	60.00
25	0	100.00	0	100.00	0	100.00	0	100.00	94	80.00	92	60.00
28	0	100.00	0	100.00	0	100.00	94	80.00	92	60.00	90	40.00
32	0	100.00	0	100.00	94	80.00	92	60.00	90	40.00	88	20.00
36	0	100.00	94	80.00	92	60.00	90	40.00	88	20.00	87	0.
39	94	80.00	92	60.00	90	40.00	88	20.00	87	0.	86	0.
43	92	60.00	90	30.00	86	10.00	87	0.	86	0.	85	0.
46	91	40.00	88	10.00	87	0.	86	0.	85	0.	84	0.
50	89	20.00	88	0.	86	0.	85	0.	84	0.	83	0.
54	88	10.00	87	0.	86	0.	85	0.	84	0.	83	0.
57	89	20.00	87	0.	86	0.	85	0.	84	0.	83	0.
61	88	0.	87	0.	86	0.	85	0.	84	0.	82	0.
64	88	0.	87	0.	86	0.	84	0.	83	0.	82	0.
68	88	0.	87	0.	85	0.	84	0.	83	0.	82	0.
72	88	0.	87	0.	85	0.	84	0.	83	0.	82	0.
75	88	0.	87	0.	85	0.	84	0.	83	0.	82	0.
79	88	0.	87	0.	86	0.	84	0.	83	0.	82	0.
82	88	0.	87	0.	86	0.	84	0.	83	0.	82	0.
86	88	0.	86	0.	85	0.	84	0.	83	0.	82	0.
90	87	0.	86	0.	85	0.	84	0.	83	0.	82	0.
93	88	10.00	86	0.	85	0.	84	0.	83	0.	82	0.
97	88	0.	86	0.	85	0.	84	0.	83	0.	82	0.
100	86	0.	85	0.	84	0.	83	0.	81	0.	80	0.
104	86	50.00	84	0.	83	0.	82	0.	80	0.	79	0.
108	0	100.00	84	10.00	83	0.	82	0.	81	0.	80	0.
111	0	100.00	86	50.00	83	0.	82	0.	81	0.	80	0.
115	0	100.00	87	70.00	84	30.00	82	0.	81	0.	80	0.
118	0	100.00	88	90.00	85	50.00	83	20.00	81	0.	80	0.
122	0	100.00	0	100.00	86	70.00	84	40.00	82	10.00	81	0.

TABLE 30 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
126	0	100.00	0	100.00	87	80.00	84	50.00	83	30.00	81	10.00
129	0	100.00	0	100.00	87	80.00	85	60.00	83	40.00	81	20.00
133	0	100.00	0	100.00	87	80.00	85	60.00	84	50.00	82	30.00
136	0	100.00	0	100.00	87	80.00	86	70.00	84	50.00	82	30.00
140	0	100.00	0	100.00	88	90.00	86	70.00	84	50.00	83	40.00
144	0	100.00	0	100.00	88	90.00	86	70.00	85	60.00	83	40.00
147	0	100.00	0	100.00	0	100.00	87	80.00	85	60.00	84	50.00
151	0	100.00	0	100.00	0	100.00	88	90.00	87	70.00	85	60.00
154	0	100.00	0	100.00	0	100.00	0	100.00	88	80.00	86	70.00
158	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00	87	70.00
162	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00	87	70.00
165	0	100.00	0	100.00	0	100.00	0	100.00	88	80.00	87	70.00
169	0	100.00	0	100.00	0	100.00	89	90.00	88	80.00	86	60.00
172	0	100.00	0	100.00	0	100.00	89	80.00	87	70.00	86	60.00
176	0	100.00	0	100.00	90	90.00	88	80.00	86	60.00	85	50.00
180	0	100.00	0	100.00	89	80.00	87	70.00	86	60.00	84	50.00
183	0	100.00	90	90.00	89	80.00	87	70.00	85	50.00	84	40.00
187	0	100.00	90	90.00	89	80.00	87	60.00	85	50.00	84	40.00
191	0	100.00	90	90.00	89	80.00	87	60.00	85	50.00	84	40.00
194	0	100.00	90	90.00	88	70.00	87	60.00	85	50.00	83	30.00
198	0	100.00	90	80.00	88	70.00	87	60.00	85	40.00	83	30.00
201	0	100.00	90	80.00	88	70.00	86	50.00	85	40.00	83	30.00
205	91	90.00	90	80.00	88	70.00	86	50.00	85	40.00	83	30.00
208	91	90.00	90	80.00	88	60.00	86	50.00	85	40.00	83	30.00
212	91	90.00	90	80.00	88	60.00	86	50.00	85	30.00	83	20.00
216	91	90.00	89	70.00	88	60.00	86	40.00	85	30.00	83	10.00
219	91	90.00	90	70.00	88	60.00	86	40.00	85	30.00	83	10.00
223	92	90.00	90	70.00	88	50.00	86	40.00	85	20.00	83	0.
226	92	90.00	90	70.00	88	50.00	87	40.00	85	20.00	83	0.
230	0	100.00	90	70.00	88	50.00	86	30.00	85	10.00	83	0.
234	0	100.00	90	70.00	88	50.00	86	30.00	85	0.	84	0.
237	0	100.00	90	70.00	88	40.00	86	20.00	85	0.	84	0.
241	0	100.00	91	70.00	88	30.00	86	0.	85	0.	84	0.
244	0	100.00	90	60.00	87	10.00	86	0.	85	0.	84	0.

TABLE 30 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 500 CM
248	0	100.00	90	40.00	87	0.	86	0.	85	0.	84	0.
252	0	100.00	89	0.	87	0.	86	0.	85	0.	84	0.
255	91	60.00	88	0.	87	0.	86	0.	85	0.	84	0.
259	91	0.	89	0.	88	0.	87	0.	86	0.	85	0.
262	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
266	92	0.	91	0.	90	0.	89	0.	88	0.	86	0.
270	92	0.	91	0.	90	0.	89	0.	87	0.	86	0.
273	92	0.	91	0.	90	0.	89	0.	88	0.	86	0.
277	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
280	92	0.	91	0.	90	0.	89	0.	87	0.	86	0.
284	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
288	90	0.	89	0.	88	0.	87	0.	85	0.	84	0.
291	91	60.00	88	0.	87	0.	86	0.	85	0.	84	0.
295	0	100.00	88	0.	87	0.	86	0.	84	0.	83	0.
298	0	100.00	88	0.	87	0.	85	0.	84	0.	83	0.
302	0	100.00	88	0.	86	0.	85	0.	84	0.	83	0.
306	0	100.00	88	0.	86	0.	85	0.	84	0.	83	0.
309	0	100.00	89	40.00	87	0.	86	0.	85	0.	83	0.
313	0	100.00	91	80.00	88	30.00	86	0.	85	0.	84	0.
316	0	100.00	0	100.00	89	50.00	87	0.	86	0.	85	0.
320	0	100.00	0	100.00	90	70.00	88	20.00	86	0.	85	0.
324	0	100.00	0	100.00	91	80.00	88	30.00	87	0.	85	0.
327	0	100.00	0	100.00	91	70.00	89	30.00	87	10.00	86	0.
331	0	100.00	0	100.00	92	70.00	89	30.00	87	10.00	86	0.
334	0	100.00	0	100.00	91	60.00	90	40.00	88	20.00	86	0.
338	0	100.00	0	100.00	92	60.00	90	40.00	88	20.00	86	0.
342	0	100.00	0	100.00	92	70.00	90	40.00	89	30.00	87	10.00
345	0	100.00	0	100.00	93	70.00	91	50.00	89	40.00	88	20.00
349	0	100.00	0	100.00	94	80.00	92	60.00	90	40.00	88	30.00
352	0	100.00	0	100.00	94	80.00	92	70.00	91	50.00	89	30.00
356	0	100.00	0	100.00	94	80.00	93	70.00	91	50.00	89	40.00
360	0	100.00	0	100.00	95	90.00	93	70.00	91	60.00	90	40.00
AVERAGE SHIELDING		73.40		58.40		46.00		34.70		25.00		17.20
AVERAGE TARGET CONTACT ANGLE		90		89		88		87		86		85

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 30

SHIELDING OF TARGET AT POSITION E
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
3	0	100.00	0	100.00	0	100.00	95	90.00	94	80.00	93	70.00
6	0	100.00	0	100.00	0	100.00	0	100.00	93	90.00	93	70.00
9	0	100.00	0	100.00	0	100.00	0	100.00	93	90.00	94	80.00
12	0	100.00	0	100.00	0	100.00	0	100.00	93	90.00	94	80.00
15	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	94	80.00
18	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	95	80.00
21	0	100.00	0	100.00	0	100.00	0	100.00	93	90.00	94	80.00
24	0	100.00	0	100.00	0	100.00	95	90.00	94	80.00	93	60.00
27	0	100.00	0	100.00	95	90.00	94	80.00	93	70.00	91	50.00
30	0	100.00	95	90.00	93	70.00	92	60.00	91	50.00	89	30.00
33	95	90.00	93	70.00	92	60.00	91	40.00	89	30.00	88	10.00
36	93	80.00	92	60.00	90	40.00	89	30.00	88	10.00	87	0.
39	92	60.00	90	40.00	89	30.00	88	10.00	87	0.	86	0.
42	91	40.00	89	20.00	88	10.00	87	0.	86	0.	85	0.
45	0	100.00	89	30.00	88	10.00	87	0.	86	0.	85	0.
48	0	100.00	89	30.00	88	0.	87	0.	86	0.	85	0.
51	0	100.00	88	10.00	88	0.	87	0.	86	0.	85	0.
54	0	100.00	88	0.	87	0.	86	0.	85	0.	84	0.
57	0	100.00	88	0.	87	0.	86	0.	85	0.	84	0.
60	0	100.00	88	0.	87	0.	86	0.	85	0.	84	0.
63	0	100.00	87	0.	87	0.	86	0.	85	0.	84	0.
66	89	40.00	87	0.	86	0.	85	0.	84	0.	83	0.
69	88	20.00	87	0.	86	0.	85	0.	84	0.	83	0.
72	87	0.	86	0.	85	0.	84	0.	84	0.	83	0.
75	87	0.	86	0.	85	0.	84	0.	83	0.	82	0.
78	87	0.	86	0.	85	0.	84	0.	83	0.	83	0.
81	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
84	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
87	88	0.	87	0.	86	0.	85	0.	84	0.	83	0.
90	87	0.	86	0.	86	0.	85	0.	84	0.	83	0.
93	88	10.00	87	0.	86	0.	85	0.	84	0.	83	0.
96	87	0.	87	0.	86	0.	85	0.	84	0.	83	0.
99	86	0.	85	0.	84	0.	83	0.	82	0.	81	0.
102	88	90.00	84	0.	84	0.	83	0.	82	0.	81	0.

TABLE 30 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
105	0	100.00	85	10.00	84	0.	83	0.	82	0.	81	0.
108	0	100.00	86	50.00	84	0.	83	0.	82	0.	81	0.
111	0	100.00	87	80.00	85	40.00	83	0.	82	0.	81	0.
114	0	100.00	88	90.00	86	60.00	84	30.00	83	0.	82	0.
117	0	100.00	0	100.00	87	70.00	85	50.00	83	20.00	82	0.
120	0	100.00	0	100.00	87	80.00	86	60.00	84	40.00	83	20.00
123	0	100.00	0	100.00	88	90.00	86	70.00	84	50.00	83	30.00
126	0	100.00	0	100.00	0	100.00	86	70.00	85	60.00	83	40.00
129	0	100.00	0	100.00	0	100.00	87	80.00	85	60.00	84	50.00
132	0	100.00	0	100.00	0	100.00	88	90.00	86	70.00	85	60.00
135	0	100.00	0	100.00	0	100.00	88	90.00	87	80.00	85	60.00
138	0	100.00	0	100.00	0	100.00	88	90.00	87	80.00	85	60.00
141	0	100.00	0	100.00	0	100.00	0	100.00	87	80.00	86	70.00
144	0	100.00	0	100.00	0	100.00	0	100.00	88	90.00	87	80.00
147	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	88	80.00
150	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	88	90.00
153	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00
156	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00
159	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00
162	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00
165	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00
168	0	100.00	0	100.00	0	100.00	0	100.00	90	90.00	88	80.00
171	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00	88	80.00
174	0	100.00	0	100.00	0	100.00	90	90.00	89	80.00	87	70.00
177	0	100.00	0	100.00	0	100.00	89	90.00	88	80.00	87	70.00
180	0	100.00	0	100.00	90	90.00	89	80.00	88	70.00	87	70.00
183	0	100.00	0	100.00	90	90.00	89	80.00	87	70.00	86	60.00
186	0	100.00	0	100.00	90	90.00	89	80.00	87	70.00	86	60.00
189	0	100.00	0	100.00	90	90.00	89	80.00	87	70.00	86	60.00
192	0	100.00	91	90.00	89	80.00	88	70.00	87	60.00	86	50.00
195	0	100.00	90	90.00	89	80.00	88	70.00	87	60.00	86	50.00
198	0	100.00	90	90.00	89	80.00	88	70.00	87	60.00	85	50.00
201	0	100.00	90	90.00	89	70.00	87	60.00	86	50.00	85	40.00
204	0	100.00	90	80.00	89	70.00	87	60.00	86	50.00	85	40.00

TABLE 30 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST M CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
207	91	90.00	90	80.00	89	70.00	87	60.00	86	50.00	85	40.00
210	91	90.00	90	80.00	88	70.00	87	60.00	86	50.00	85	40.00
213	91	90.00	90	80.00	88	60.00	87	50.00	86	40.00	84	30.00
216	91	90.00	89	70.00	88	60.00	87	50.00	86	40.00	85	30.00
219	91	90.00	90	70.00	88	60.00	87	50.00	86	40.00	84	20.00
222	91	90.00	90	70.00	88	60.00	87	40.00	86	30.00	84	20.00
225	91	90.00	90	70.00	89	60.00	87	40.00	86	30.00	85	20.00
228	91	90.00	90	70.00	89	60.00	87	40.00	86	30.00	85	20.00
231	92	90.00	90	70.00	89	60.00	87	40.00	86	20.00	85	10.00
234	0	100.00	90	70.00	89	60.00	88	40.00	86	20.00	85	10.00
237	0	100.00	91	70.00	89	50.00	88	40.00	86	20.00	85	0.
240	0	100.00	91	70.00	89	50.00	88	30.00	86	0.	85	0.
243	0	100.00	91	70.00	89	40.00	88	20.00	86	0.	85	0.
246	0	100.00	91	70.00	89	40.00	87	10.00	86	0.	86	0.
249	0	100.00	91	60.00	89	20.00	87	0.	87	0.	86	0.
252	0	100.00	90	40.00	88	0.	87	0.	86	0.	86	0.
255	0	100.00	89	0.	88	0.	87	0.	86	0.	85	0.
258	92	90.00	89	0.	88	0.	87	0.	86	0.	85	0.
261	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
264	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
267	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
270	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
273	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
276	92	10.00	91	0.	90	0.	89	0.	89	0.	88	0.
279	92	0.	91	0.	90	0.	89	0.	88	0.	87	0.
282	91	0.	90	0.	89	0.	89	0.	88	0.	87	0.
285	91	0.	90	0.	89	0.	88	0.	87	0.	86	0.
288	91	50.00	89	0.	88	0.	87	0.	86	0.	85	0.
291	0	100.00	89	0.	88	0.	87	0.	86	0.	85	0.
294	0	100.00	90	50.00	88	0.	87	0.	86	0.	85	0.
297	0	100.00	91	80.00	88	0.	87	0.	86	0.	85	0.
300	0	100.00	0	100.00	88	10.00	87	0.	86	0.	85	0.
303	0	100.00	0	100.00	89	30.00	87	0.	86	0.	85	0.
306	0	100.00	0	100.00	90	50.00	87	0.	87	0.	86	0.

TABLE 30 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
309	0	100.00	0	100.00	90	60.00	88	20.00	87	0.	86	0.
312	0	100.00	0	100.00	91	80.00	89	40.00	87	10.00	86	0.
315	0	100.00	0	100.00	0	100.00	90	50.00	88	20.00	86	0.
318	0	100.00	0	100.00	0	100.00	91	70.00	89	40.00	87	10.00
321	0	100.00	0	100.00	0	100.00	92	90.00	89	50.00	88	20.00
324	0	100.00	0	100.00	0	100.00	92	90.00	90	50.00	88	20.00
327	0	100.00	0	100.00	0	100.00	92	90.00	90	50.00	89	30.00
330	0	100.00	0	100.00	0	100.00	93	90.00	90	50.00	89	30.00
333	0	100.00	0	100.00	0	100.00	92	80.00	91	50.00	89	40.00
336	0	100.00	0	100.00	0	100.00	93	80.00	91	60.00	90	40.00
339	0	100.00	0	100.00	0	100.00	93	80.00	92	60.00	90	40.00
342	0	100.00	0	100.00	0	100.00	93	80.00	92	60.00	90	40.00
345	0	100.00	0	100.00	0	100.00	94	80.00	93	70.00	91	50.00
348	0	100.00	0	100.00	0	100.00	94	90.00	93	70.00	92	60.00
351	0	100.00	0	100.00	0	100.00	95	90.00	93	70.00	92	60.00
354	0	100.00	0	100.00	0	100.00	95	90.00	93	70.00	92	60.00
357	0	100.00	0	100.00	0	100.00	95	90.00	93	70.00	92	60.00
360	0	100.00	0	100.00	0	100.00	95	90.00	93	80.00	92	60.00
AVERAGE SHIELDING		80.75		64.67		55.33		46.00		36.75		28.50
AVERAGE TARGET CONTACT ANGLE		90		89		88		88		87		86

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 3

SHIELDING OF TARGET AT POSITION E
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	0	100.00	0	100.00	0	100.00	0	100.00	95	90.00	94	80.00
5	0	100.00	0	100.00	0	100.00	0	100.00	95	90.00	94	80.00
7	0	100.00	0	100.00	0	100.00	0	100.00	95	90.00	94	80.00
10	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	94	80.00
12	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	95	90.00
15	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	95	90.00
18	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	95	80.00
20	0	100.00	0	100.00	0	100.00	0	100.00	95	90.00	94	80.00
23	0	100.00	0	100.00	0	100.00	95	90.00	94	80.00	93	70.00
25	0	100.00	0	100.00	0	100.00	95	90.00	94	80.00	93	70.00
28	0	100.00	0	100.00	95	90.00	94	80.00	92	60.00	91	50.00
30	95	90.00	94	80.00	93	70.00	92	60.00	91	40.00	89	30.00
33	0	100.00	93	60.00	91	50.00	90	40.00	89	30.00	88	20.00
36	0	100.00	92	60.00	90	40.00	89	30.00	88	20.00	87	0.
38	0	100.00	0	100.00	91	50.00	90	30.00	89	20.00	87	10.00
41	0	100.00	0	100.00	92	70.00	90	30.00	89	20.00	88	10.00
43	0	100.00	0	100.00	0	100.00	90	40.00	89	20.00	88	0.
46	0	100.00	0	100.00	0	100.00	91	80.00	89	20.00	88	0.
48	0	100.00	0	100.00	0	100.00	0	100.00	89	30.00	88	10.00
51	0	100.00	0	100.00	0	100.00	0	100.00	90	40.00	88	0.
54	0	100.00	0	100.00	0	100.00	0	100.00	89	20.00	88	0.
56	0	100.00	0	100.00	91	90.00	89	20.00	88	0.	87	0.
59	0	100.00	0	100.00	89	20.00	88	0.	87	0.	86	0.
61	0	100.00	91	90.00	88	0.	87	0.	86	0.	85	0.
64	0	100.00	90	90.00	87	0.	86	0.	86	0.	85	0.
66	0	100.00	88	0.	87	0.	86	0.	85	0.	84	0.
69	0	100.00	87	0.	86	0.	85	0.	85	0.	84	0.
72	0	100.00	87	0.	86	0.	85	0.	84	0.	84	0.
74	89	90.00	87	0.	86	0.	85	0.	84	0.	83	0.
77	88	50.00	87	0.	86	0.	85	0.	84	0.	83	0.
79	88	20.00	87	0.	86	0.	85	0.	84	0.	83	0.
82	88	0.	87	0.	86	0.	85	0.	84	0.	84	0.
84	88	0.	87	0.	86	0.	85	0.	84	0.	84	0.
87	87	0.	87	0.	86	0.	85	0.	84	0.	83	0.

TABLE 30 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
90	87	0.	87	0.	86	0.	85	0.	84	0.	83	0.
92	88	20.00	87	0.	86	0.	85	0.	84	0.	84	0.
95	87	0.	86	0.	86	0.	85	0.	84	0.	83	0.
97	86	0.	85	0.	84	0.	83	0.	83	0.	82	0.
100	0	100.00	85	0.	84	0.	83	0.	82	0.	82	0.
102	0	100.00	85	0.	84	0.	83	0.	83	0.	82	0.
105	0	100.00	86	50.00	84	10.00	84	0.	83	0.	82	0.
108	0	100.00	87	80.00	86	40.00	84	0.	83	0.	82	0.
110	0	100.00	88	90.00	86	60.00	85	30.00	83	10.00	83	0.
113	0	100.00	0	100.00	87	80.00	86	50.00	84	30.00	83	10.00
115	0	100.00	0	100.00	88	90.00	86	70.00	85	40.00	83	20.00
118	0	100.00	0	100.00	88	90.00	86	70.00	85	50.00	84	40.00
120	0	100.00	0	100.00	0	100.00	87	80.00	86	70.00	85	50.00
123	0	100.00	0	100.00	0	100.00	88	90.00	86	70.00	85	60.00
126	0	100.00	0	100.00	0	100.00	0	100.00	87	90.00	86	70.00
128	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	87	80.00
131	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	88	90.00
133	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	88	90.00
136	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	88	90.00
138	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	88	90.00
141	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	88	90.00
144	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00
146	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
149	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
151	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
154	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
156	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
159	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
162	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
164	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
167	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	90	90.00
169	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00
172	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00
174	0	100.00	0	100.00	0	100.00	0	100.00	90	90.00	89	90.00

TABLE 30 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
177	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00	88	80.00
180	0	100.00	0	100.00	0	100.00	90	90.00	89	80.00	88	80.00
182	0	100.00	0	100.00	0	100.00	90	90.00	89	80.00	88	70.00
185	0	100.00	0	100.00	0	100.00	90	90.00	89	80.00	88	70.00
187	0	100.00	0	100.00	90	90.00	89	80.00	89	80.00	88	70.00
190	0	100.00	0	100.00	90	90.00	89	80.00	88	70.00	87	70.00
192	0	100.00	0	100.00	90	90.00	89	80.00	88	70.00	87	60.00
195	0	100.00	0	100.00	90	90.00	89	80.00	88	70.00	87	60.00
198	0	100.00	91	90.00	90	80.00	89	70.00	88	70.00	87	60.00
200	0	100.00	91	90.00	90	80.00	88	70.00	87	60.00	87	60.00
203	0	100.00	90	90.00	89	80.00	88	70.00	87	60.00	86	50.00
205	0	100.00	90	80.00	89	70.00	88	70.00	87	60.00	86	50.00
208	91	90.00	90	80.00	89	70.00	88	60.00	87	60.00	86	50.00
210	91	90.00	90	80.00	89	70.00	88	60.00	87	50.00	86	40.00
213	91	90.00	90	80.00	89	70.00	88	60.00	87	50.00	85	40.00
216	91	80.00	89	70.00	88	60.00	87	50.00	86	40.00	85	30.00
218	91	80.00	90	70.00	88	60.00	87	50.00	86	40.00	85	30.00
221	91	80.00	90	70.00	89	60.00	87	50.00	86	40.00	85	30.00
223	91	80.00	90	70.00	89	60.00	88	50.00	87	40.00	85	30.00
226	91	90.00	90	70.00	89	60.00	88	50.00	87	40.00	86	30.00
228	91	90.00	90	70.00	89	60.00	88	50.00	87	40.00	86	20.00
231	92	90.00	90	70.00	89	60.00	88	50.00	87	30.00	86	20.00
234	92	90.00	91	80.00	89	60.00	88	50.00	87	30.00	86	20.00
236	92	90.00	91	80.00	90	60.00	88	50.00	87	30.00	86	20.00
239	0	100.00	91	80.00	90	60.00	88	40.00	87	30.00	86	10.00
241	0	100.00	91	80.00	90	60.00	89	40.00	87	20.00	86	0.
244	0	100.00	91	80.00	90	50.00	88	30.00	87	20.00	86	0,
246	0	100.00	91	70.00	90	50.00	88	20.00	87	0.	86	0,
249	0	100.00	91	70.00	90	40.00	88	10.00	87	0.	87	0,
252	0	100.00	91	60.00	89	20.00	88	0,	87	0.	87	0,
254	0	100.00	91	40.00	89	0.	88	0,	87	0.	87	0,
257	0	100.00	90	0,	89	0.	88	0,	87	0.	86	0,
259	92	90.00	90	0,	89	0.	88	0,	87	0.	86	0,
262	91	0.	90	0.	90	0.	89	0,	88	0.	87	0,

TABLE 30 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
264	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
267	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
270	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
272	92	0.	91	0.	90	0.	90	0.	89	0.	88	0.
275	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
277	92	0.	91	0.	90	0.	90	0.	89	0.	89	0.
280	92	20.00	91	0.	90	0.	89	0.	88	0.	88	0.
282	91	20.00	90	0.	89	0.	89	0.	88	0.	87	0.
285	0	100.00	90	0.	89	0.	88	0.	88	0.	87	0.
288	0	100.00	90	20.00	89	0.	88	0.	88	0.	87	0.
290	0	100.00	92	70.00	89	0.	88	0.	88	0.	87	0.
293	0	100.00	0	100.00	90	40.00	89	0.	88	0.	87	0.
295	0	100.00	0	100.00	91	70.00	89	20.00	88	0.	87	0.
298	0	100.00	0	100.00	91	80.00	89	20.00	88	0.	87	0.
300	0	100.00	0	100.00	91	70.00	88	20.00	87	0.	87	0.
303	0	100.00	0	100.00	90	60.00	88	20.00	87	0.	86	0.
306	0	100.00	0	100.00	90	60.00	89	30.00	87	0.	86	0.
308	0	100.00	92	90.00	90	50.00	88	20.00	87	0.	86	0.
311	0	100.00	0	100.00	90	70.00	89	40.00	88	20.00	87	0.
313	0	100.00	0	100.00	0	100.00	90	60.00	89	40.00	87	10.00
316	0	100.00	0	100.00	0	100.00	91	80.00	89	50.00	88	30.00
318	0	100.00	0	100.00	0	100.00	0	100.00	91	70.00	89	40.00
321	0	100.00	0	100.00	0	100.00	0	100.00	92	90.00	90	60.00
324	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	91	80.00
326	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	92	90.00
329	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	93	90.00
331	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	93	90.00
334	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	93	90.00
336	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	93	90.00
339	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	93	90.00
342	0	100.00	0	100.00	0	100.00	0	100.00	94	90.00	93	70.00
344	0	100.00	0	100.00	0	100.00	0	100.00	94	90.00	93	70.00
347	0	100.00	0	100.00	0	100.00	0	100.00	94	90.00	93	70.00
349	0	100.00	0	100.00	0	100.00	0	100.00	94	80.00	93	70.00

TABLE 30 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• W CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
352	0	100.00	0	100.00	0	100.00	0	100.00	94	80.00	93	70.00
354	0	100.00	0	100.00	0	100.00	0	100.00	94	80.00	93	70.00
357	0	100.00	0	100.00	0	100.00	0	100.00	95	90.00	94	80.00
360	0	100.00	0	100.00	0	100.00	0	100.00	95	90.00	94	80.00
AVERAGE SHIELDING		86.71		73.86		64.64		55.93		46.93		38.71
AVERAGE TARGET CONTACT ANGLE		90		89		89		88		88		88

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 30

SHIELDING OF TARGET AT POSITION E
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
2	0	100.00	0	100.00	0	100.00	0	100.00	95	90.00	94	80.00
4	0	100.00	0	100.00	0	100.00	0	100.00	95	90.00	94	80.00
6	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	95	90.00
9	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	95	90.00
11	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	95	90.00
13	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
15	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
18	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	96	90.00
20	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	95	90.00
22	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	95	90.00
24	0	100.00	0	100.00	0	100.00	0	100.00	95	90.00	94	80.00
27	0	100.00	0	100.00	0	100.00	0	100.00	95	90.00	94	80.00
29	0	100.00	0	100.00	95	90.00	94	80.00	93	70.00	92	60.00
31	0	100.00	0	100.00	0	100.00	94	80.00	93	70.00	92	60.00
33	0	100.00	0	100.00	0	100.00	0	100.00	92	60.00	92	50.00
36	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	92	60.00
38	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	91	50.00
40	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	91	50.00
42	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
45	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
47	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
49	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
51	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
54	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
56	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	91	70.00
58	0	100.00	0	100.00	0	100.00	0	100.00	91	80.00	89	30.00
60	0	100.00	0	100.00	0	100.00	91	90.00	89	30.00	88	0.
63	0	100.00	0	100.00	0	100.00	89	40.00	88	0.	87	0.
65	0	100.00	0	100.00	90	80.00	88	0.	87	0.	86	0.
67	0	100.00	89	70.00	87	0.	87	0.	86	0.	85	0.
69	0	100.00	88	20.00	87	0.	86	0.	85	0.	85	0.
72	0	100.00	87	0.	87	0.	86	0.	85	0.	84	0.
74	0	100.00	87	0.	86	0.	86	0.	85	0.	84	0.
76	0	100.00	87	0.	86	0.	85	0.	85	0.	84	0.

TABLE 30 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
78	89	70.00	87	0.	86	0.	85	0.	85	0.	84	0.
81	88	0.	87	0.	86	0.	85	0.	85	0.	84	0.
83	88	0.	87	0.	86	0.	86	0.	85	0.	84	0.
85	88	20.00	87	0.	86	0.	85	0.	85	0.	84	0.
87	87	0.	87	0.	86	0.	85	0.	85	0.	84	0.
90	87	0.	87	0.	86	0.	85	0.	85	0.	84	0.
92	88	50.00	87	0.	86	0.	85	0.	85	0.	84	0.
94	87	0.	86	0.	86	0.	85	0.	84	0.	83	0.
96	86	0.	85	0.	85	0.	84	0.	83	0.	82	0.
99	0	100.00	85	0.	85	0.	84	0.	83	0.	82	0.
101	0	100.00	85	10.00	85	0.	84	0.	83	0.	83	0.
103	0	100.00	87	50.00	85	0.	84	0.	84	0.	83	0.
105	0	100.00	87	80.00	86	40.00	84	10.00	84	0.	83	0.
108	0	100.00	88	90.00	87	60.00	85	30.00	84	10.00	83	0.
110	0	100.00	0	100.00	87	80.00	86	50.00	85	30.00	84	10.00
112	0	100.00	0	100.00	88	90.00	87	70.00	85	50.00	84	30.00
114	0	100.00	0	100.00	0	100.00	87	80.00	86	60.00	85	40.00
117	0	100.00	0	100.00	0	100.00	88	90.00	86	70.00	85	50.00
119	0	100.00	0	100.00	0	100.00	0	100.00	87	80.00	86	60.00
121	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	87	80.00
123	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	88	90.00
126	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
128	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
130	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
132	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
135	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
137	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
139	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
141	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
144	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
146	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
148	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
150	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
153	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00

TABLE 30 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
155	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
157	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
159	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
162	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
164	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
166	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
168	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
171	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
173	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	90	90.00
175	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	90	90.00
177	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	89	90.00
180	0	100.00	0	100.00	0	100.00	0	100.00	90	90.00	89	80.00
182	0	100.00	0	100.00	0	100.00	0	100.00	90	90.00	89	80.00
184	0	100.00	0	100.00	0	100.00	0	100.00	90	90.00	89	80.00
186	0	100.00	0	100.00	0	100.00	90	90.00	89	80.00	89	80.00
189	0	100.00	0	100.00	0	100.00	90	90.00	89	80.00	89	80.00
191	0	100.00	0	100.00	91	90.00	90	90.00	89	80.00	88	70.00
193	0	100.00	0	100.00	91	90.00	90	80.00	89	80.00	88	70.00
195	0	100.00	0	100.00	90	90.00	89	80.00	89	80.00	88	70.00
198	0	100.00	0	100.00	90	90.00	89	80.00	88	70.00	88	70.00
200	0	100.00	91	90.00	90	80.00	89	80.00	88	70.00	87	60.00
202	0	100.00	91	90.00	90	80.00	89	70.00	88	70.00	87	60.00
204	0	100.00	90	90.00	90	80.00	89	70.00	88	60.00	87	60.00
207	91	90.00	90	80.00	89	80.00	88	70.00	88	60.00	87	50.00
209	91	90.00	90	80.00	89	70.00	88	70.00	87	60.00	86	50.00
211	0	100.00	90	80.00	89	70.00	88	60.00	87	50.00	86	50.00
213	91	90.00	90	80.00	89	70.00	88	60.00	87	50.00	86	50.00
216	91	80.00	90	80.00	89	70.00	88	60.00	87	50.00	86	40.00
218	90	80.00	90	70.00	89	60.00	88	60.00	87	50.00	86	40.00
220	91	80.00	90	70.00	89	60.00	88	60.00	87	50.00	86	40.00
222	91	80.00	90	70.00	89	60.00	88	50.00	87	40.00	86	30.00
225	91	80.00	90	70.00	89	60.00	88	50.00	87	40.00	86	30.00
227	91	80.00	90	70.00	89	60.00	88	50.00	87	40.00	86	30.00
229	91	80.00	90	70.00	89	60.00	88	50.00	87	40.00	86	30.00

TABLE 3B (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
231	91	80.00	90	70.00	89	60.00	88	50.00	87	40.00	86	30.00
234	91	90.00	90	70.00	89	60.00	88	50.00	88	40.00	87	30.00
236	92	90.00	91	80.00	90	60.00	89	50.00	88	40.00	87	20.00
238	92	90.00	91	80.00	90	60.00	89	50.00	88	30.00	87	20.00
240	92	90.00	91	70.00	90	60.00	89	40.00	88	30.00	87	10.00
243	92	90.00	91	70.00	90	60.00	89	40.00	88	20.00	87	10.00
245	92	90.00	91	70.00	90	50.00	89	30.00	88	20.00	87	0.
247	92	90.00	91	70.00	90	50.00	89	30.00	88	10.00	87	0.
249	0	100.00	91	70.00	90	50.00	89	20.00	88	0.	87	0.
252	0	100.00	91	70.00	90	40.00	89	10.00	88	0.	87	0.
254	0	100.00	91	60.00	90	20.00	89	0.	88	0.	87	0.
256	0	100.00	91	40.00	89	0.	89	0.	88	0.	87	0.
258	0	100.00	90	10.00	89	0.	89	0.	88	0.	87	0.
261	92	80.00	90	0.	89	0.	89	0.	88	0.	87	0.
263	91	0.	90	0.	90	0.	89	0.	88	0.	87	0.
265	92	10.00	91	0.	91	0.	90	0.	89	0.	89	0.
267	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
270	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
272	92	0.	91	0.	91	0.	90	0.	89	0.	88	0.
274	92	10.00	92	0.	91	0.	90	0.	89	0.	89	0.
276	92	0.	91	0.	91	0.	90	0.	89	0.	89	0.
279	93	50.00	91	0.	90	0.	90	0.	89	0.	88	0.
281	93	80.00	91	0.	90	0.	89	0.	89	0.	88	0.
283	0	100.00	91	0.	90	0.	89	0.	89	0.	88	0.
285	0	100.00	92	70.00	90	0.	89	0.	89	0.	88	0.
288	0	100.00	0	100.00	90	20.00	89	0.	89	0.	89	0.
290	0	100.00	0	100.00	92	80.00	90	20.00	89	0.	88	0.
292	0	100.00	0	100.00	0	100.00	91	60.00	89	10.00	88	0.
294	0	100.00	0	100.00	0	100.00	92	90.00	90	50.00	89	10.00
297	0	100.00	0	100.00	0	100.00	0	100.00	91	70.00	89	30.00
299	0	100.00	0	100.00	0	100.00	0	100.00	90	60.00	89	20.00
301	0	100.00	0	100.00	0	100.00	91	80.00	90	50.00	88	10.00
303	0	100.00	0	100.00	0	100.00	90	60.00	89	30.00	88	10.00
306	0	100.00	0	100.00	91	80.00	90	50.00	88	20.00	87	0.

TABLE 30 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 200 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 300 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 400 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 500 CM
308	0	100.00	0	100.00	90	70.00	89	40.00	88	20.00	87	0,
310	0	100.00	91	80.00	90	50.00	89	30.00	87	10.00	87	0,
312	0	100.00	0	100.00	91	70.00	89	50.00	88	30.00	87	10.00
315	0	100.00	0	100.00	0	100.00	91	70.00	89	50.00	88	30.00
317	0	100.00	0	100.00	0	100.00	92	90.00	90	70.00	89	50.00
319	0	100.00	0	100.00	0	100.00	0	100.00	91	90.00	90	60.00
321	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	91	80.00
324	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
326	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
328	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
330	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
333	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
335	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00
337	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	94	90.00
339	0	100.00	0	100.00	0	100.00	0	100.00	0	100.00	93	80.00
342	0	100.00	0	100.00	0	100.00	0	100.00	94	90.00	93	70.00
344	0	100.00	0	100.00	0	100.00	0	100.00	94	80.00	93	70.00
346	0	100.00	0	100.00	0	100.00	95	90.00	94	80.00	93	70.00
348	0	100.00	0	100.00	0	100.00	95	90.00	94	80.00	93	70.00
351	0	100.00	0	100.00	0	100.00	95	90.00	94	80.00	93	70.00
353	0	100.00	0	100.00	0	100.00	95	90.00	94	80.00	93	70.00
355	0	100.00	0	100.00	0	100.00	95	90.00	94	80.00	93	70.00
357	0	100.00	0	100.00	0	100.00	95	90.00	94	80.00	93	70.00
360	0	100.00	0	100.00	0	100.00	95	90.00	94	80.00	93	70.00
AVERAGE SHIELDING		88.81		78.06		71.87		65.19		57.87		49.69
AVERAGE TARGET CONTACT ANGLE		91		89		89		89		88		88

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 7

SHIELDING OF TARGET AT POSITION A

RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
18	88	0.	88	0.	86	0.	85	0.	0	0.	0	0.
36	89	0.	88	0.	87	0.	85	0.	0	0.	0	0.
54	90	0.	89	0.	88	0.	87	0.	0	0.	0	0.
72	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
90	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
108	92	0.	91	0.	90	0.	88	0.	0	0.	0	0.
126	92	0.	91	0.	90	0.	88	0.	0	0.	0	0.
144	92	0.	92	0.	90	0.	89	0.	0	0.	0	0.
162	93	0.	92	0.	90	0.	89	0.	0	0.	0	0.
180	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
198	92	0.	91	0.	90	0.	89	0.	0	0.	0	0.
216	92	0.	91	0.	89	0.	88	0.	0	0.	0	0.
234	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
252	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
270	90	0.	89	0.	87	0.	86	0.	0	0.	0	0.
288	89	0.	89	0.	87	0.	86	0.	0	0.	0	0.
306	89	0.	88	0.	87	0.	85	0.	0	0.	0	0.
324	89	0.	88	0.	86	0.	85	0.	0	0.	0	0.
342	88	0.	87	0.	86	0.	85	0.	0	0.	0	0.
360	88	0.	87	0.	86	0.	85	0.	0	0.	0	0.
AVERAGE SHIELDING		0.		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		88		87		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE NO. 1

TABLE 7 (SL. NO. 2)

TABLE 3/

SHIELDING OF TARGET AT POSITION A

RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
9	0	100.00	96	80.00	91	30.00	88	0.	0	0.	0	0.
18	96	90.00	92	40.00	88	0.	88	0.	0	0.	0	0.
27	89	20.00	88	0.	87	0.	87	0.	0	0.	0	0.
36	88	0.	88	0.	87	0.	86	0.	0	0.	0	0.
45	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
54	89	0.	88	0.	88	0.	87	0.	0	0.	0	0.
63	89	0.	89	0.	88	0.	87	0.	0	0.	0	0.
72	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
81	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
99	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
108	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
117	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
126	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
135	92	0.	91	0.	90	0.	90	0.	0	0.	0	0.
144	92	0.	91	0.	91	0.	90	0.	0	0.	0	0.
153	92	0.	92	0.	91	0.	90	0.	0	0.	0	0.
162	92	0.	92	0.	91	0.	90	0.	0	0.	0	0.
171	92	0.	92	0.	91	0.	90	0.	0	0.	0	0.
180	92	0.	92	0.	91	0.	90	0.	0	0.	0	0.
189	92	0.	91	0.	91	0.	90	0.	0	0.	0	0.
198	92	0.	91	0.	90	0.	90	0.	0	0.	0	0.
207	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
216	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
225	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
234	91	0.	90	0.	89	0.	89	0.	0	0.	0	0.
243	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
252	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
261	90	0.	89	0.	89	0.	88	0.	0	0.	0	0.
270	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
279	89	0.	89	0.	88	0.	87	0.	0	0.	0	0.
288	89	0.	89	0.	88	0.	87	0.	0	0.	0	0.
297	89	0.	88	0.	88	0.	87	0.	0	0.	0	0.
306	89	0.	88	0.	87	0.	87	0.	0	0.	0	0.

TABLE 31 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
315	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
324	88	0.	87	0.	87	0.	86	0.	0	0.	0	0.
333	93	60.00	88	10.00	88	0.	87	0.	0	0.	0	0.
342	0	100.00	94	60.00	89	20.00	88	0.	0	0.	0	0.
351	0	100.00	97	90.00	92	40.00	88	10.00	0	0.	0	0.
360	0	100.00	0	100.00	94	60.00	89	20.00	0	0.	0	0.
AVERAGE SHIELDING		14.25		9.50		3.75		0.75		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		90		89		88		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

31

TABLE 3

SHIELDING OF TARGET AT POSITION A

RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
6	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
12	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
24	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
30	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	95	90.00	0	0.	0	0.
42	0	100.00	0	100.00	94	80.00	92	50.00	0	0.	0	0.
48	0	100.00	94	80.00	90	30.00	89	0.	0	0.	0	0.
54	89	10.00	89	0.	88	0.	88	0.	0	0.	0	0.
60	89	0.	88	0.	88	0.	87	0.	0	0.	0	0.
66	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
72	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
78	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
84	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
96	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
102	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
108	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
114	91	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
120	92	20.00	91	0.	91	0.	90	0.	0	0.	0	0.
126	92	20.00	92	0.	91	0.	91	0.	0	0.	0	0.
132	92	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
138	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
144	92	10.00	92	0.	91	0.	91	0.	0	0.	0	0.
150	93	20.00	92	0.	92	0.	91	0.	0	0.	0	0.
156	94	30.00	92	10.00	92	0.	91	0.	0	0.	0	0.
162	94	30.00	93	20.00	92	0.	92	0.	0	0.	0	0.
168	95	40.00	94	30.00	92	0.	92	0.	0	0.	0	0.
174	96	50.00	95	40.00	93	20.00	92	0.	0	0.	0	0.
180	96	50.00	95	40.00	93	20.00	92	0.	0	0.	0	0.
186	94	30.00	93	20.00	92	10.00	92	0.	0	0.	0	0.
192	93	20.00	92	10.00	92	0.	91	0.	0	0.	0	0.
198	92	10.00	92	0.	91	0.	91	0.	0	0.	0	0.
204	92	0.	91	0.	91	0.	90	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
210	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
216	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
222	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
228	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
234	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
240	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
246	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
252	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
258	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
264	90	0.	89	0.	89	0.	88	0.	0	0.	0	0.
270	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
276	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
282	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
288	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
294	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
300	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
306	0	100.00	92	60.00	88	0.	88	0.	0	0.	0	0.
312	0	100.00	0	100.00	0	100.00	92	60.00	0	0.	0	0.
318	0	100.00	0	100.00	0	100.00	93	70.00	0	0.	0	0.
324	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
330	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
336	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
342	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
348	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
354	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
360	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
AVERAGE SHIELDING		36.17		31.83		27.67		24.50		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		91		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 8
SHIELDING OF TARGET AT POSITION A
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
4	97	90.00	97	90.00	96	80.00	95	70.00	0	0.	0	0.
9	97	90.00	97	90.00	96	80.00	95	70.00	0	0.	0	0.
13	97	90.00	97	90.00	96	80.00	95	70.00	0	0.	0	0.
18	97	90.00	96	90.00	96	80.00	95	70.00	0	0.	0	0.
22	0	100.00	96	90.00	96	90.00	95	80.00	0	0.	0	0.
27	0	100.00	0	100.00	96	90.00	95	80.00	0	0.	0	0.
31	0	100.00	0	100.00	96	90.00	96	90.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
40	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
45	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
49	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
54	0	100.00	0	100.00	0	100.00	93	80.00	0	0.	0	0.
58	0	100.00	0	100.00	91	50.00	89	20.00	0	0.	0	0.
63	91	50.00	89	10.00	88	0.	88	0.	0	0.	0	0.
67	89	0.	88	0.	88	0.	88	0.	0	0.	0	0.
72	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
76	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
81	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
85	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
94	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
99	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
103	92	20.00	91	10.00	91	0.	90	0.	0	0.	0	0.
108	93	40.00	92	20.00	91	10.00	91	0.	0	0.	0	0.
112	94	50.00	93	30.00	92	20.00	91	10.00	0	0.	0	0.
117	94	50.00	93	30.00	92	20.00	91	10.00	0	0.	0	0.
121	94	40.00	93	30.00	92	20.00	92	10.00	0	0.	0	0.
126	94	40.00	93	30.00	92	20.00	92	0.	0	0.	0	0.
130	94	40.00	93	30.00	92	10.00	92	0.	0	0.	0	0.
135	94	40.00	93	30.00	92	10.00	92	0.	0	0.	0	0.
139	94	40.00	93	30.00	92	10.00	92	0.	0	0.	0	0.
144	93	30.00	93	20.00	92	0.	92	0.	0	0.	0	0.
148	93	20.00	92	10.00	92	0.	92	0.	0	0.	0	0.
153	93	20.00	93	10.00	92	0.	92	0.	0	0.	0	0.

TABLE 31 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
157	93	20.00	93	20.00	92	10.00	92	0.	0	0.	0	0.
162	93	20.00	93	20.00	92	0.	92	0.	0	0.	0	0.
166	93	20.00	93	10.00	92	0.	92	0.	0	0.	0	0.
171	93	20.00	93	10.00	92	0.	92	0.	0	0.	0	0.
175	93	20.00	93	10.00	92	0.	92	0.	0	0.	0	0.
180	93	20.00	93	10.00	92	0.	92	0.	0	0.	0	0.
184	93	20.00	92	10.00	92	0.	92	0.	0	0.	0	0.
189	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
193	92	10.00	92	10.00	92	0.	91	0.	0	0.	0	0.
198	93	40.00	92	0.	91	0.	91	0.	0	0.	0	0.
202	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
207	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
211	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
216	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
220	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
225	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
229	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
234	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
238	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
243	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
247	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
252	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
256	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
261	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
265	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	20.00	90	0.	89	0.	89	0.	0	0.	0	0.
274	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
279	91	30.00	89	0.	89	0.	89	0.	0	0.	0	0.
283	90	10.00	89	0.	89	0.	89	0.	0	0.	0	0.
288	89	10.00	89	0.	89	0.	89	0.	0	0.	0	0.
292	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
297	0	100.00	0	100.00	0	100.00	90	30.00	0	0.	0	0.
301	0	100.00	0	100.00	0	100.00	92	70.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE 31 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
310	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
315	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
319	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
324	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
328	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
333	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
337	0	100.00	0	100.00	0	100.00	96	90.00	0	0.	0	0.
342	0	100.00	0	100.00	97	90.00	96	80.00	0	0.	0	0.
346	0	100.00	97	90.00	96	80.00	96	80.00	0	0.	0	0.
351	0	100.00	97	90.00	96	80.00	96	80.00	0	0.	0	0.
355	97	90.00	97	90.00	96	80.00	96	80.00	0	0.	0	0.
360	97	90.00	97	90.00	96	80.00	95	70.00	0	0.	0	0.
AVERAGE SHIELDING		43.75		38.87		33.50		29.25		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		92		92		91		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE X
SHIELDING OF TARGET AT POSITION A
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	96	80.00	95	70.00	95	70.00	95	70.00	0	0.	0	0.
7	96	80.00	95	70.00	95	70.00	94	60.00	0	0.	0	0.
10	96	80.00	95	70.00	95	70.00	94	60.00	0	0.	0	0.
14	96	80.00	95	70.00	95	70.00	94	60.00	0	0.	0	0.
18	96	90.00	95	70.00	95	70.00	94	60.00	0	0.	0	0.
21	95	70.00	95	70.00	94	60.00	94	60.00	0	0.	0	0.
25	95	70.00	94	70.00	94	60.00	93	60.00	0	0.	0	0.
28	94	70.00	94	70.00	94	60.00	93	60.00	0	0.	0	0.
32	94	70.00	94	70.00	94	60.00	93	60.00	0	0.	0	0.
36	95	80.00	94	80.00	94	70.00	93	60.00	0	0.	0	0.
39	95	80.00	94	80.00	94	70.00	93	60.00	0	0.	0	0.
43	95	90.00	95	90.00	94	80.00	94	70.00	0	0.	0	0.
46	0	100.00	0	100.00	95	90.00	94	80.00	0	0.	0	0.
50	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
54	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
57	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
61	0	100.00	0	100.00	93	90.00	92	70.00	0	0.	0	0.
64	0	100.00	0	100.00	92	70.00	90	40.00	0	0.	0	0.
68	92	80.00	91	60.00	89	10.00	89	0.	0	0.	0	0.
72	90	40.00	89	0.	89	0.	88	0.	0	0.	0	0.
75	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
79	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
82	91	20.00	90	0.	90	0.	89	0.	0	0.	0	0.
86	91	30.00	90	10.00	90	0.	90	0.	0	0.	0	0.
90	91	30.00	91	10.00	90	0.	90	0.	0	0.	0	0.
93	92	40.00	91	20.00	91	0.	90	0.	0	0.	0	0.
97	92	40.00	91	20.00	91	0.	91	0.	0	0.	0	0.
100	93	50.00	92	30.00	91	10.00	91	0.	0	0.	0	0.
104	93	40.00	92	30.00	91	10.00	91	0.	0	0.	0	0.
108	93	40.00	93	30.00	92	20.00	91	10.00	0	0.	0	0.
111	93	40.00	93	30.00	92	20.00	92	10.00	0	0.	0	0.
115	93	40.00	93	30.00	92	20.00	92	10.00	0	0.	0	0.
118	94	40.00	93	30.00	92	20.00	92	20.00	0	0.	0	0.
122	94	40.00	93	30.00	93	20.00	92	20.00	0	0.	0	0.

TABLE 3/8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
126	94	40.00	94	40.00	93	30.00	92	20.00	0	0.	0	0.
129	94	40.00	93	30.00	93	30.00	92	20.00	0	0.	0	0.
133	94	40.00	94	40.00	93	20.00	92	10.00	0	0.	0	0.
136	94	40.00	93	30.00	93	20.00	92	10.00	0	0.	0	0.
140	94	40.00	93	30.00	93	20.00	92	10.00	0	0.	0	0.
144	94	40.00	93	30.00	93	20.00	92	10.00	0	0.	0	0.
147	94	30.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
151	94	30.00	93	20.00	93	10.00	92	10.00	0	0.	0	0.
154	94	40.00	93	20.00	93	10.00	92	10.00	0	0.	0	0.
158	93	20.00	93	20.00	93	10.00	92	10.00	0	0.	0	0.
162	93	20.00	93	20.00	93	10.00	92	0.	0	0.	0	0.
165	93	20.00	93	20.00	93	10.00	92	0.	0	0.	0	0.
169	93	20.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
172	93	20.00	93	20.00	92	10.00	92	0.	0	0.	0	0.
176	93	10.00	93	10.00	92	0.	92	0.	0	0.	0	0.
180	93	10.00	93	10.00	92	0.	92	0.	0	0.	0	0.
183	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
187	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
190	92	10.00	92	0.	92	0.	91	0.	0	0.	0	0.
194	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
198	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
201	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
205	92	20.00	91	0.	91	0.	91	0.	0	0.	0	0.
208	92	30.00	91	10.00	91	0.	90	0.	0	0.	0	0.
212	92	40.00	91	20.00	91	0.	90	0.	0	0.	0	0.
216	92	40.00	91	10.00	90	0.	90	0.	0	0.	0	0.
219	91	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
223	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
226	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
230	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
234	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
237	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
241	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
244	90	10.00	90	0.	90	0.	89	0.	0	0.	0	0.

TABLE 31 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
248	90	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
252	91	30.00	90	10.00	90	0.	89	0.	0	0.	0	0.
255	91	30.00	90	10.00	90	0.	89	0.	0	0.	0	0.
259	91	30.00	90	10.00	90	0.	89	0.	0	0.	0	0.
262	91	40.00	90	20.00	90	0.	89	0.	0	0.	0	0.
266	92	50.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
270	92	50.00	91	40.00	90	20.00	90	0.	0	0.	0	0.
273	92	50.00	91	30.00	90	10.00	89	0.	0	0.	0	0.
277	91	40.00	91	30.00	90	10.00	89	0.	0	0.	0	0.
280	91	40.00	91	30.00	90	10.00	89	0.	0	0.	0	0.
284	90	20.00	90	10.00	89	10.00	89	0.	0	0.	0	0.
288	90	20.00	90	10.00	89	0.	89	0.	0	0.	0	0.
291	92	70.00	91	40.00	90	20.00	89	10.00	0	0.	0	0.
295	0	100.00	0	100.00	0	100.00	93	80.00	0	0.	0	0.
298	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
302	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
309	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
313	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
316	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
320	0	100.00	0	100.00	0	100.00	95	90.00	0	0.	0	0.
324	0	100.00	0	100.00	95	90.00	95	90.00	0	0.	0	0.
327	96	90.00	96	90.00	95	80.00	95	80.00	0	0.	0	0.
331	95	80.00	95	80.00	95	80.00	94	70.00	0	0.	0	0.
334	95	80.00	95	80.00	95	80.00	94	70.00	0	0.	0	0.
338	96	80.00	95	80.00	95	70.00	94	70.00	0	0.	0	0.
342	96	80.00	96	80.00	95	70.00	95	70.00	0	0.	0	0.
345	96	80.00	96	80.00	95	70.00	95	70.00	0	0.	0	0.
349	96	80.00	96	80.00	95	70.00	95	70.00	0	0.	0	0.
352	96	80.00	96	80.00	95	70.00	95	70.00	0	0.	0	0.
356	96	80.00	96	80.00	95	70.00	95	70.00	0	0.	0	0.
360	96	80.00	95	70.00	95	70.00	95	70.00	0	0.	0	0.
AVERAGE SHIELDING		49.50		42.10		34.20		30.00		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		92		92		92		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

31

TABLE X

SHIELDING OF TARGET AT POSITION A

RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	91	30.00	91	30.00	91	30.00	90	20.00	0	0.	0	0.
6	91	30.00	91	30.00	90	20.00	90	20.00	0	0.	0	0.
9	91	30.00	91	30.00	90	20.00	90	20.00	0	0.	0	0.
12	91	30.00	91	30.00	91	30.00	90	20.00	0	0.	0	0.
15	91	30.00	91	30.00	91	30.00	90	20.00	0	0.	0	0.
18	91	30.00	91	30.00	91	30.00	90	20.00	0	0.	0	0.
21	92	40.00	91	30.00	91	30.00	91	30.00	0	0.	0	0.
24	92	40.00	92	40.00	92	40.00	91	30.00	0	0.	0	0.
27	93	50.00	92	50.00	92	40.00	92	40.00	0	0.	0	0.
30	93	50.00	93	50.00	93	50.00	92	40.00	0	0.	0	0.
33	94	60.00	93	60.00	93	60.00	93	50.00	0	0.	0	0.
36	94	70.00	94	70.00	93	60.00	93	60.00	0	0.	0	0.
39	93	60.00	93	60.00	93	60.00	92	50.00	0	0.	0	0.
42	93	70.00	93	60.00	93	60.00	92	50.00	0	0.	0	0.
45	93	70.00	93	60.00	93	60.00	92	50.00	0	0.	0	0.
48	93	70.00	93	70.00	93	60.00	92	60.00	0	0.	0	0.
51	94	80.00	93	80.00	93	70.00	92	60.00	0	0.	0	0.
54	94	90.00	94	90.00	93	80.00	93	70.00	0	0.	0	0.
57	0	100.00	0	100.00	0	100.00	93	90.00	0	0.	0	0.
60	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
63	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
66	0	100.00	0	100.00	0	100.00	92	80.00	0	0.	0	0.
69	0	100.00	92	90.00	91	70.00	91	50.00	0	0.	0	0.
72	0	100.00	91	50.00	89	20.00	89	0.	0	0.	0	0.
75	90	40.00	89	10.00	89	0.	89	0.	0	0.	0	0.
78	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
81	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
84	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
87	92	40.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
90	93	60.00	92	40.00	91	20.00	91	10.00	0	0.	0	0.
93	92	50.00	92	40.00	91	20.00	91	0.	0	0.	0	0.
96	93	50.00	92	40.00	91	20.00	91	0.	0	0.	0	0.
99	93	50.00	92	30.00	92	20.00	91	10.00	0	0.	0	0.
102	93	40.00	92	30.00	92	20.00	91	10.00	0	0.	0	0.

AD-A040 173 ARMY ENGINEER WATERWAYS EXPERIMENT STATION VICKSBURG MISS F/G 18/6
ANALYTICAL STUDY OF GROUND-SURFACE SHIELDING CHARACTERISTICS OF--ETC(U)
JUN 74 H W WEST, P L DOIRON, J A PARKS

UNCLASSIFIED WES-TR-M-74-4-VOL-2 NL

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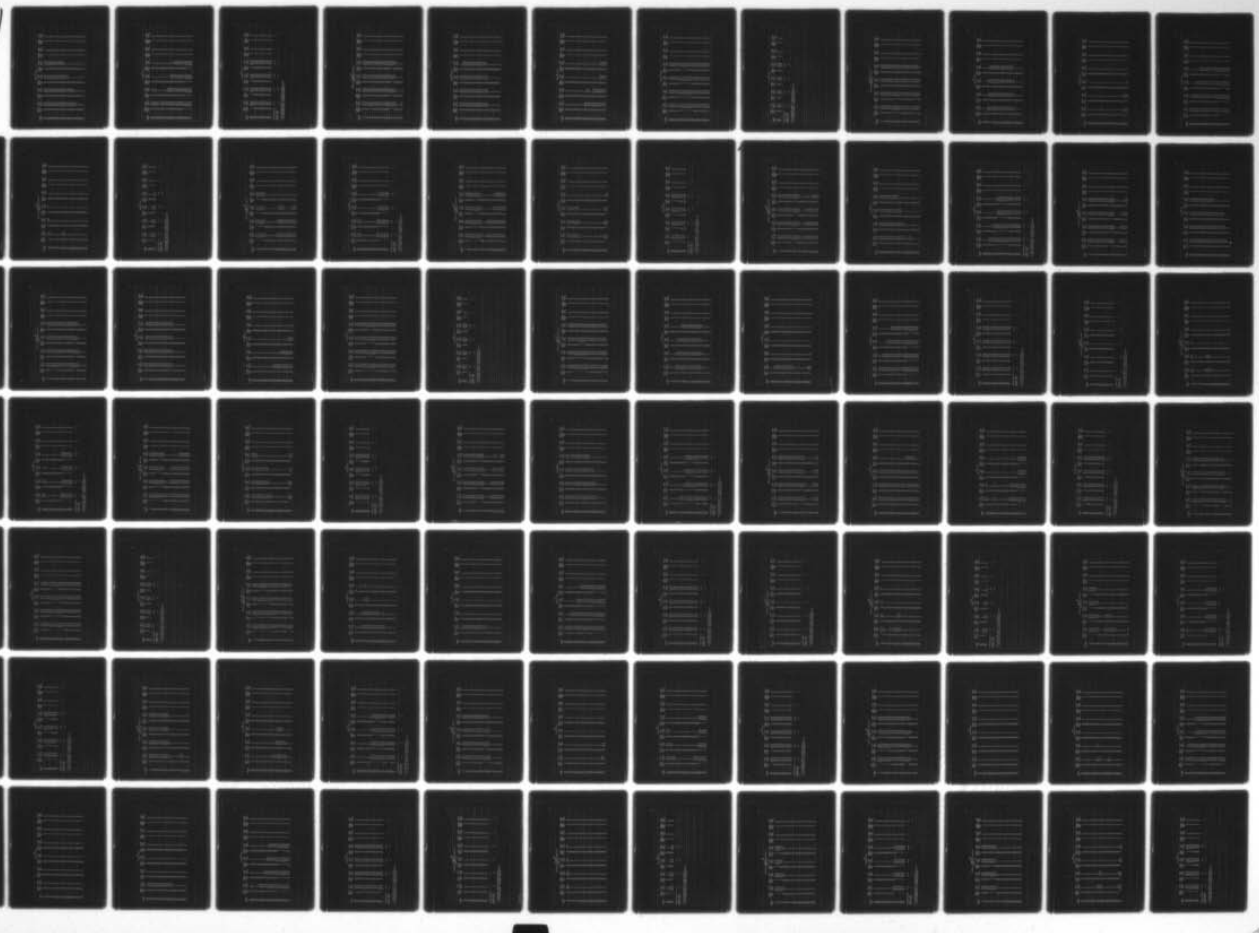

TABLE 31 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
105	93	40.00	92	30.00	92	20.00	91	10.00	0	0.	0	0.
108	93	30.00	93	30.00	92	20.00	92	10.00	0	0.	0	0.
111	93	30.00	93	30.00	92	20.00	92	10.00	0	0.	0	0.
114	93	30.00	93	30.00	92	20.00	92	10.00	0	0.	0	0.
117	93	30.00	93	30.00	92	20.00	92	10.00	0	0.	0	0.
120	93	30.00	93	30.00	92	20.00	92	20.00	0	0.	0	0.
123	93	30.00	93	30.00	92	20.00	92	10.00	0	0.	0	0.
126	93	30.00	93	30.00	93	20.00	92	10.00	0	0.	0	0.
129	93	30.00	93	30.00	93	20.00	92	20.00	0	0.	0	0.
132	93	30.00	93	30.00	93	20.00	92	10.00	0	0.	0	0.
135	93	30.00	93	30.00	93	20.00	92	20.00	0	0.	0	0.
138	93	30.00	93	30.00	93	20.00	92	10.00	0	0.	0	0.
141	93	30.00	93	20.00	93	20.00	92	10.00	0	0.	0	0.
144	93	30.00	93	20.00	93	20.00	92	10.00	0	0.	0	0.
147	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
150	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
153	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
156	93	20.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
159	93	20.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
162	93	10.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
165	93	10.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
168	93	10.00	93	10.00	92	0.	92	0.	0	0.	0	0.
171	93	10.00	93	10.00	92	0.	92	0.	0	0.	0	0.
174	93	10.00	93	10.00	92	0.	92	0.	0	0.	0	0.
177	93	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
180	93	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
183	92	10.00	92	0.	92	0.	92	0.	0	0.	0	0.
186	92	10.00	92	0.	92	0.	92	0.	0	0.	0	0.
189	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
192	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
195	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
198	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
201	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
204	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.

TABLE 31 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
207	91	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
210	91	20.00	91	10.00	91	0.	90	0.	0	0.	0	0.
213	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
216	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
219	91	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
222	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
225	90	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
228	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
231	90	20.00	90	0.	90	0.	89	0.	0	0.	0	0.
234	90	20.00	90	0.	90	0.	89	0.	0	0.	0	0.
237	90	20.00	90	0.	90	0.	89	0.	0	0.	0	0.
240	90	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
243	90	20.00	90	0.	90	0.	89	0.	0	0.	0	0.
246	90	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
249	91	30.00	90	20.00	90	0.	90	0.	0	0.	0	0.
252	91	30.00	90	20.00	90	0.	90	0.	0	0.	0	0.
255	91	40.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
258	91	40.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
261	91	40.00	91	30.00	90	20.00	90	0.	0	0.	0	0.
264	92	50.00	91	40.00	90	20.00	90	10.00	0	0.	0	0.
267	92	60.00	92	50.00	91	40.00	90	20.00	0	0.	0	0.
270	92	60.00	92	50.00	91	40.00	90	20.00	0	0.	0	0.
273	92	50.00	91	40.00	91	30.00	90	10.00	0	0.	0	0.
276	92	50.00	91	40.00	91	30.00	90	20.00	0	0.	0	0.
279	91	40.00	91	30.00	90	20.00	90	10.00	0	0.	0	0.
282	91	30.00	90	20.00	90	10.00	89	10.00	0	0.	0	0.
285	90	20.00	90	10.00	89	10.00	89	0.	0	0.	0	0.
288	0	100.00	91	50.00	90	20.00	90	10.00	0	0.	0	0.
291	0	100.00	0	100.00	0	100.00	92	80.00	0	0.	0	0.
294	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
297	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
300	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
303	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE 3/ (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
309	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
312	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
315	0	100.00	0	100.00	95	90.00	94	80.00	0	0.	0	0.
318	95	90.00	95	90.00	95	90.00	94	80.00	0	0.	0	0.
321	95	90.00	95	80.00	95	80.00	94	70.00	0	0.	0	0.
324	95	90.00	95	90.00	95	80.00	95	80.00	0	0.	0	0.
327	95	80.00	95	80.00	95	80.00	94	70.00	0	0.	0	0.
330	94	70.00	94	70.00	94	60.00	93	60.00	0	0.	0	0.
333	94	60.00	93	60.00	93	60.00	93	60.00	0	0.	0	0.
336	93	50.00	93	50.00	92	50.00	92	50.00	0	0.	0	0.
339	92	50.00	92	40.00	92	40.00	92	40.00	0	0.	0	0.
342	92	40.00	92	40.00	92	40.00	91	30.00	0	0.	0	0.
345	92	40.00	92	40.00	91	30.00	91	30.00	0	0.	0	0.
348	92	40.00	91	30.00	91	30.00	91	30.00	0	0.	0	0.
351	91	30.00	91	30.00	91	30.00	90	30.00	0	0.	0	0.
354	91	30.00	91	30.00	91	30.00	90	30.00	0	0.	0	0.
357	91	30.00	91	30.00	91	30.00	90	20.00	0	0.	0	0.
360	91	30.00	91	30.00	91	30.00	90	20.00	0	0.	0	0.
AVERAGE SHIELDING		42.33		36.67		30.75		25.25		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		92		91		91		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 3/8

SHIELDING OF TARGET AT POSITION A

RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	91	40.00	91	30.00	91	30.00	90	20.00	0	0.	0	0.
5	91	50.00	91	30.00	91	30.00	90	20.00	0	0.	0	0.
7	91	40.00	91	30.00	90	30.00	90	20.00	0	0.	0	0.
10	91	40.00	91	30.00	90	20.00	90	20.00	0	0.	0	0.
12	91	60.00	91	30.00	90	20.00	90	20.00	0	0.	0	0.
15	92	80.00	90	30.00	90	20.00	90	20.00	0	0.	0	0.
18	92	80.00	90	30.00	90	20.00	90	20.00	0	0.	0	0.
20	0	100.00	91	40.00	90	20.00	90	20.00	0	0.	0	0.
23	0	100.00	90	20.00	90	20.00	90	20.00	0	0.	0	0.
25	90	20.00	90	20.00	90	20.00	89	10.00	0	0.	0	0.
28	90	20.00	90	20.00	89	10.00	89	10.00	0	0.	0	0.
30	90	20.00	90	20.00	89	10.00	89	10.00	0	0.	0	0.
33	90	20.00	90	20.00	90	20.00	90	20.00	0	0.	0	0.
36	91	30.00	91	30.00	90	30.00	90	20.00	0	0.	0	0.
38	91	40.00	91	40.00	91	30.00	91	30.00	0	0.	0	0.
41	92	50.00	92	50.00	92	40.00	91	40.00	0	0.	0	0.
43	93	60.00	93	60.00	92	50.00	92	50.00	0	0.	0	0.
46	93	70.00	93	60.00	93	60.00	92	50.00	0	0.	0	0.
48	93	60.00	92	60.00	92	50.00	92	50.00	0	0.	0	0.
51	92	60.00	92	60.00	92	50.00	92	50.00	0	0.	0	0.
54	93	70.00	92	60.00	92	60.00	92	50.00	0	0.	0	0.
56	93	80.00	92	70.00	92	60.00	92	60.00	0	0.	0	0.
59	93	90.00	93	80.00	92	70.00	92	70.00	0	0.	0	0.
61	0	100.00	0	100.00	93	90.00	92	80.00	0	0.	0	0.
64	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
66	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
69	0	100.00	92	90.00	91	70.00	91	60.00	0	0.	0	0.
72	91	70.00	91	50.00	90	30.00	89	20.00	0	0.	0	0.
74	89	10.00	89	0.	89	0.	89	0.	0	0.	0	0.
77	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
79	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
82	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
84	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
87	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.

TABLE 3/ (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
90	91	30.00	91	20.00	91	10.00	90	0.	0	0.	0	0.
92	92	30.00	92	30.00	91	20.00	91	0.	0	0.	0	0.
95	92	40.00	92	30.00	91	20.00	91	10.00	0	0.	0	0.
97	92	40.00	92	30.00	92	20.00	91	10.00	0	0.	0	0.
100	92	30.00	92	30.00	92	20.00	91	10.00	0	0.	0	0.
102	92	30.00	92	30.00	92	20.00	91	10.00	0	0.	0	0.
105	92	30.00	92	30.00	92	20.00	91	10.00	0	0.	0	0.
108	93	30.00	92	20.00	92	20.00	92	10.00	0	0.	0	0.
110	93	30.00	92	20.00	92	20.00	92	10.00	0	0.	0	0.
113	93	30.00	92	20.00	92	20.00	92	10.00	0	0.	0	0.
115	93	20.00	92	20.00	92	20.00	92	10.00	0	0.	0	0.
118	93	20.00	92	20.00	92	20.00	92	10.00	0	0.	0	0.
120	93	20.00	93	20.00	92	20.00	92	10.00	0	0.	0	0.
123	93	20.00	93	20.00	92	20.00	92	10.00	0	0.	0	0.
126	93	20.00	93	20.00	92	20.00	92	10.00	0	0.	0	0.
128	93	30.00	93	20.00	92	20.00	92	10.00	0	0.	0	0.
131	93	20.00	93	20.00	92	20.00	92	10.00	0	0.	0	0.
133	93	20.00	93	20.00	92	20.00	92	10.00	0	0.	0	0.
136	93	20.00	93	20.00	92	20.00	92	10.00	0	0.	0	0.
138	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
141	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
144	93	20.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
146	93	20.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
149	93	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
151	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
154	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
156	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
159	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
162	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
164	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
167	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
169	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
172	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
174	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.

TABLE 3/8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
177	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
180	89	0.	89	0.	89	0.	88	0.	0	0.	0.	0.
182	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
185	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
187	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
190	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
192	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
195	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
198	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
200	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
203	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
205	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
208	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
210	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
213	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
216	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
218	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
221	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
223	91	30.00	90	10.00	90	0.	90	0.	0	0.	0	0.
226	91	30.00	90	10.00	90	0.	90	0.	0	0.	0	0.
228	90	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
231	90	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
234	90	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
236	90	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
239	90	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
241	90	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
244	90	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
246	91	30.00	90	20.00	90	0.	90	0.	0	0.	0	0.
249	91	30.00	90	20.00	90	10.00	90	0.	0	0.	0	0.
252	91	30.00	91	30.00	90	20.00	90	10.00	0	0.	0	0.
254	91	40.00	91	40.00	91	20.00	90	10.00	0	0.	0	0.
257	92	60.00	91	40.00	91	30.00	90	20.00	0	0.	0	0.
259	92	70.00	92	50.00	91	30.00	91	20.00	0	0.	0	0.
262	92	60.00	92	50.00	91	40.00	91	20.00	0	0.	0	0.

TABLE 3/ (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
264	92	50.00	91	40.00	91	30.00	90	20.00	0	0.	0	0.
267	92	50.00	92	50.00	91	40.00	91	30.00	0	0.	0	0.
270	92	50.00	92	50.00	91	40.00	91	30.00	0	0.	0	0.
272	92	50.00	91	40.00	91	30.00	90	20.00	0	0.	0	0.
275	92	50.00	91	40.00	91	30.00	90	20.00	0	0.	0	0.
277	91	40.00	91	30.00	91	30.00	90	20.00	0	0.	0	0.
280	91	30.00	91	30.00	90	20.00	90	10.00	0	0.	0	0.
282	90	20.00	90	20.00	90	10.00	89	10.00	0	0.	0	0.
285	92	90.00	91	50.00	90	20.00	90	10.00	0	0.	0	0.
288	0	100.00	0	100.00	0	100.00	92	70.00	0	0.	0	0.
290	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
293	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
295	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
298	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
300	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
303	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	94	90.00	0	0.	0	0.
308	0	100.00	0	100.00	0	100.00	94	90.00	0	0.	0	0.
311	0	100.00	94	90.00	94	90.00	94	90.00	0	0.	0	0.
313	0	100.00	95	90.00	94	90.00	94	80.00	0	0.	0	0.
316	95	90.00	94	80.00	94	80.00	94	80.00	0	0.	0	0.
318	94	70.00	94	70.00	93	70.00	93	70.00	0	0.	0	0.
321	93	60.00	93	60.00	92	50.00	92	50.00	0	0.	0	0.
324	92	50.00	92	50.00	92	50.00	91	40.00	0	0.	0	0.
326	91	40.00	91	40.00	91	30.00	91	30.00	0	0.	0	0.
329	91	30.00	91	30.00	90	30.00	90	30.00	0	0.	0	0.
331	91	30.00	90	30.00	90	30.00	90	20.00	0	0.	0	0.
334	91	30.00	90	30.00	90	30.00	90	20.00	0	0.	0	0.
336	91	30.00	91	30.00	90	30.00	90	20.00	0	0.	0	0.
339	92	70.00	91	30.00	91	30.00	90	20.00	0	0.	0	0.
342	92	90.00	91	30.00	91	30.00	90	30.00	0	0.	0	0.
344	0	100.00	91	40.00	91	30.00	91	30.00	0	0.	0	0.
347	0	100.00	91	50.00	91	30.00	91	30.00	0	0.	0	0.
349	92	80.00	91	30.00	91	30.00	91	30.00	0	0.	0	0.

TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
352	92	60.00	91	30.00	91	30.00	91	30.00	0	0.	0	0.
354	92	50.00	91	30.00	91	30.00	90	30.00	0	0.	0	0.
357	91	40.00	91	30.00	91	30.00	90	30.00	0	0.	0	0.
360	91	50.00	91	30.00	91	30.00	90	30.00	0	0.	0	0.
AVERAGE SHIELDING		39.29		31.00		26.64		22.50		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		91		91		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8
SHIELDING OF TARGET AT POSITION A
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	91	30.00	91	30.00	91	30.00	90	30.00	0	0.	0	0.
4	91	40.00	91	30.00	91	30.00	90	20.00	0	0.	0	0.
6	91	40.00	91	30.00	91	30.00	90	20.00	0	0.	0	0.
9	91	40.00	91	30.00	91	30.00	90	20.00	0	0.	0	0.
11	91	30.00	91	30.00	90	20.00	90	20.00	0	0.	0	0.
13	91	30.00	91	30.00	90	20.00	90	20.00	0	0.	0	0.
15	91	50.00	91	30.00	90	20.00	90	20.00	0	0.	0	0.
18	91	70.00	91	50.00	90	20.00	90	20.00	0	0.	0	0.
20	92	90.00	91	70.00	90	30.00	90	20.00	0	0.	0	0.
22	92	90.00	91	70.00	90	30.00	90	20.00	0	0.	0	0.
24	0	100.00	92	90.00	90	40.00	90	20.00	0	0.	0	0.
27	0	100.00	0	100.00	91	60.00	90	20.00	0	0.	0	0.
29	0	100.00	92	90.00	90	30.00	90	20.00	0	0.	0	0.
31	0	100.00	0	100.00	90	40.00	90	20.00	0	0.	0	0.
33	0	100.00	0	100.00	90	50.00	89	10.00	0	0.	0	0.
36	0	100.00	0	100.00	90	20.00	89	20.00	0	0.	0	0.
38	0	100.00	90	20.00	89	10.00	89	10.00	0	0.	0	0.
40	90	20.00	89	10.00	89	10.00	89	10.00	0	0.	0	0.
42	90	20.00	90	20.00	90	20.00	89	10.00	0	0.	0	0.
45	91	30.00	90	30.00	90	20.00	90	20.00	0	0.	0	0.
47	91	40.00	91	40.00	91	30.00	90	30.00	0	0.	0	0.
49	92	50.00	92	50.00	91	40.00	91	40.00	0	0.	0	0.
51	92	60.00	92	60.00	92	50.00	92	50.00	0	0.	0	0.
54	92	60.00	92	60.00	92	50.00	91	50.00	0	0.	0	0.
56	92	60.00	92	60.00	91	50.00	91	50.00	0	0.	0	0.
58	92	70.00	92	60.00	92	60.00	91	50.00	0	0.	0	0.
60	92	70.00	92	70.00	92	60.00	91	60.00	0	0.	0	0.
63	92	80.00	92	80.00	92	70.00	91	60.00	0	0.	0	0.
65	0	100.00	0	100.00	92	90.00	92	80.00	0	0.	0	0.
67	0	100.00	0	100.00	0	100.00	92	90.00	0	0.	0	0.
69	0	100.00	0	100.00	92	90.00	92	80.00	0	0.	0	0.
72	91	70.00	91	60.00	91	50.00	90	30.00	0	0.	0	0.
74	90	30.00	90	20.00	89	10.00	89	0.	0	0.	0	0.
76	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
78	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
81	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
83	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
85	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
87	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
90	91	20.00	91	10.00	91	10.00	90	0.	0	0.	0	0.
92	92	30.00	91	20.00	91	20.00	91	10.00	0	0.	0	0.
94	92	30.00	92	30.00	91	20.00	91	10.00	0	0.	0	0.
96	92	30.00	92	30.00	91	20.00	91	10.00	0	0.	0	0.
99	92	30.00	92	20.00	92	20.00	91	10.00	0	0.	0	0.
101	92	30.00	92	20.00	92	20.00	91	10.00	0	0.	0	0.
103	92	30.00	92	20.00	92	20.00	91	10.00	0	0.	0	0.
105	92	20.00	92	20.00	92	20.00	91	10.00	0	0.	0	0.
108	92	20.00	92	20.00	92	20.00	91	10.00	0	0.	0	0.
110	92	20.00	92	20.00	92	20.00	92	10.00	0	0.	0	0.
112	92	20.00	92	20.00	92	20.00	92	10.00	0	0.	0	0.
114	92	20.00	92	20.00	92	10.00	92	10.00	0	0.	0	0.
117	92	20.00	92	20.00	92	10.00	92	10.00	0	0.	0	0.
119	92	20.00	92	20.00	92	10.00	92	10.00	0	0.	0	0.
121	92	20.00	92	20.00	92	10.00	92	10.00	0	0.	0	0.
123	92	20.00	92	20.00	92	10.00	92	10.00	0	0.	0	0.
126	92	20.00	92	20.00	92	10.00	92	10.00	0	0.	0	0.
128	93	20.00	92	20.00	92	10.00	92	10.00	0	0.	0	0.
130	93	20.00	92	20.00	92	10.00	92	10.00	0	0.	0	0.
132	93	20.00	92	20.00	92	10.00	92	10.00	0	0.	0	0.
135	93	20.00	92	20.00	92	10.00	92	10.00	0	0.	0	0.
137	93	20.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
139	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
141	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
144	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
146	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
148	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
150	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
153	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.

TABLE 3/8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
155	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
157	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
159	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
162	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
164	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
166	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
168	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
171	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
173	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
175	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
177	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
180	89	10.00	89	0.	89	0.	89	0.	0	0.	0	0.
182	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
184	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
186	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
189	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
191	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
193	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
195	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
198	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
200	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
202	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
204	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
207	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
209	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
211	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
213	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
216	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
218	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
220	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
222	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
225	91	30.00	90	20.00	90	0.	90	0.	0	0.	0	0.
227	91	50.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
229	0	100.00	91	50.00	90	0.	90	0.	0	0.	0	0.

TABLE 3/8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
231	92	90.00	90	0.	90	0.	90	0.	0	0.	0	0.
234	90	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
236	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
238	90	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
240	90	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
243	91	20.00	90	20.00	90	10.00	90	0.	0	0.	0	0.
245	91	30.00	90	20.00	90	10.00	90	0.	0	0.	0	0.
247	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
249	92	70.00	91	40.00	91	20.00	90	10.00	0	0.	0	0.
252	92	70.00	91	40.00	91	30.00	91	20.00	0	0.	0	0.
254	92	80.00	92	50.00	91	40.00	91	30.00	0	0.	0	0.
256	92	80.00	92	60.00	91	40.00	91	30.00	0	0.	0	0.
258	93	80.00	92	60.00	91	40.00	91	30.00	0	0.	0	0.
261	93	80.00	92	60.00	92	50.00	91	40.00	0	0.	0	0.
263	93	80.00	92	60.00	92	50.00	91	40.00	0	0.	0	0.
265	92	50.00	92	50.00	91	40.00	91	30.00	0	0.	0	0.
267	92	50.00	92	50.00	91	40.00	91	30.00	0	0.	0	0.
270	92	50.00	91	40.00	91	40.00	91	30.00	0	0.	0	0.
272	91	40.00	91	40.00	91	30.00	90	20.00	0	0.	0	0.
274	91	40.00	91	40.00	91	30.00	90	20.00	0	0.	0	0.
276	91	40.00	91	30.00	91	30.00	90	20.00	0	0.	0	0.
279	91	30.00	91	30.00	90	20.00	90	20.00	0	0.	0	0.
281	90	20.00	90	20.00	90	10.00	90	10.00	0	0.	0	0.
283	92	70.00	91	40.00	90	20.00	90	10.00	0	0.	0	0.
285	0	100.00	0	100.00	92	90.00	91	60.00	0	0.	0	0.
288	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
290	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
292	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
294	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
297	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
299	0	100.00	0	100.00	0	100.00	94	90.00	0	0.	0	0.
301	0	100.00	0	100.00	94	90.00	93	90.00	0	0.	0	0.
303	0	100.00	94	90.00	94	90.00	93	80.00	0	0.	0	0.
306	0	100.00	0	100.00	94	90.00	94	90.00	0	0.	0	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
308	0	100.00	94	90.00	94	90.00	94	90.00	0	0.	0	0.
310	94	80.00	94	80.00	93	80.00	93	70.00	0	0.	0	0.
312	93	70.00	92	60.00	92	60.00	92	60.00	0	0.	0	0.
315	92	50.00	92	50.00	92	50.00	91	40.00	0	0.	0	0.
317	91	40.00	91	40.00	91	40.00	91	40.00	0	0.	0	0.
319	91	30.00	91	30.00	90	30.00	90	30.00	0	0.	0	0.
321	90	30.00	90	30.00	90	30.00	90	20.00	0	0.	0	0.
324	90	30.00	90	30.00	90	30.00	90	20.00	0	0.	0	0.
326	90	30.00	90	30.00	90	20.00	90	20.00	0	0.	0	0.
328	90	30.00	90	30.00	90	20.00	90	20.00	0	0.	0	0.
330	90	30.00	90	30.00	90	20.00	90	20.00	0	0.	0	0.
333	91	30.00	90	30.00	90	30.00	90	30.00	0	0.	0	0.
335	91	30.00	91	30.00	90	30.00	90	30.00	0	0.	0	0.
337	91	30.00	91	30.00	91	30.00	90	20.00	0	0.	0	0.
339	91	40.00	91	30.00	91	30.00	90	20.00	0	0.	0	0.
342	91	40.00	91	30.00	91	30.00	91	30.00	0	0.	0	0.
344	91	50.00	91	30.00	91	30.00	91	30.00	0	0.	0	0.
346	92	60.00	91	40.00	91	30.00	91	30.00	0	0.	0	0.
348	91	50.00	91	30.00	91	30.00	91	30.00	0	0.	0	0.
351	91	40.00	91	30.00	91	30.00	91	30.00	0	0.	0	0.
353	91	40.00	91	30.00	91	30.00	91	30.00	0	0.	0	0.
355	91	30.00	91	30.00	91	30.00	91	30.00	0	0.	0	0.
357	91	30.00	91	30.00	91	30.00	91	30.00	0	0.	0	0.
360	91	30.00	91	30.00	91	30.00	90	30.00	0	0.	0	0.
AVERAGE SHIELDING		38.00		32.31		25.12		20.87		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		91		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 7

SHIELDING OF TARGET AT POSITION B
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
18	88	0.	87	0.	86	0.	84	0.	0	0.	0	0.
36	89	0.	88	0.	87	0.	85	0.	0	0.	0	0.
54	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
72	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
90	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
108	92	0.	91	0.	90	0.	88	0.	0	0.	0	0.
126	91	0.	90	0.	89	0.	88	0.	0	0.	0	0.
144	92	0.	91	0.	89	0.	88	0.	0	0.	0	0.
162	92	0.	91	0.	90	0.	88	0.	0	0.	0	0.
180	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
198	92	0.	91	0.	90	0.	88	0.	0	0.	0	0.
216	92	0.	91	0.	89	0.	88	0.	0	0.	0	0.
234	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
252	90	0.	90	0.	88	0.	87	0.	0	0.	0	0.
270	90	0.	89	0.	87	0.	86	0.	0	0.	0	0.
288	89	0.	88	0.	87	0.	85	0.	0	0.	0	0.
306	89	0.	88	0.	86	0.	85	0.	0	0.	0	0.
324	88	0.	87	0.	86	0.	84	0.	0	0.	0	0.
342	88	0.	87	0.	85	0.	84	0.	0	0.	0	0.
360	89	0.	87	0.	85	0.	84	0.	0	0.	0	0.
AVERAGE SHIELDING		0.		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		89		88		86		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE X

SHIELDING OF TARGET AT POSITION B

RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEC	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
9	0	100.00	94	70.00	90	30.00	88	0.	0	0.	0	0.
18	95	80.00	91	40.00	88	0.	87	0.	0	0.	0	0.
27	88	10.00	88	0.	87	0.	86	0.	0	0.	0	0.
36	88	0.	87	0.	87	0.	86	0.	0	0.	0	0.
45	88	0.	88	0.	87	0.	86	0.	0	0.	0	0.
54	88	0.	88	0.	87	0.	86	0.	0	0.	0	0.
63	89	0.	89	0.	88	0.	87	0.	0	0.	0	0.
72	90	0.	89	0.	89	0.	88	0.	0	0.	0	0.
81	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
90	91	0.	90	0.	89	0.	89	0.	0	0.	0	0.
99	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
108	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
117	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
126	92	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
135	92	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
144	92	0.	91	0.	91	0.	90	0.	0	0.	0	0.
153	92	0.	91	0.	91	0.	90	0.	0	0.	0	0.
162	92	0.	91	0.	91	0.	90	0.	0	0.	0	0.
171	92	0.	91	0.	91	0.	90	0.	0	0.	0	0.
180	92	0.	91	0.	91	0.	90	0.	0	0.	0	0.
189	92	0.	91	0.	91	0.	90	0.	0	0.	0	0.
198	92	0.	91	0.	90	0.	90	0.	0	0.	0	0.
207	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
216	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
225	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
234	91	0.	90	0.	89	0.	89	0.	0	0.	0	0.
243	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
252	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
261	90	0.	89	0.	89	0.	88	0.	0	0.	0	0.
270	89	0.	89	0.	88	0.	87	0.	0	0.	0	0.
279	89	0.	89	0.	88	0.	87	0.	0	0.	0	0.
288	89	0.	88	0.	88	0.	87	0.	0	0.	0	0.
297	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
306	88	0.	88	0.	87	0.	86	0.	0	0.	0	0.

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TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
315	88	0.	88	0.	87	0.	86	0.	0	0.	0	0.
324	88	0.	87	0.	87	0.	86	0.	0	0.	0	0.
333	90	30.00	88	0.	87	0.	86	0.	0	0.	0	0.
342	0	100.00	92	50.00	88	10.00	87	0.	0	0.	0	0.
351	0	100.00	95	80.00	90	30.00	88	0.	0	0.	0	0.
360	0	100.00	0	100.00	91	40.00	88	10.00	0	0.	0	0.
AVERAGE SHIELDING		13.50		8.50		2.75		0.25		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		89		88		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE X

SHIELDING OF TARGET AT POSITION B

RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
6	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
12	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
24	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
30	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	95	90.00	0	0.	0	0.
42	0	100.00	0	100.00	94	80.00	92	50.00	0	0.	0	0.
48	0	100.00	93	80.00	90	40.00	88	10.00	0	0.	0	0.
54	90	30.00	88	0.	88	0.	87	0.	0	0.	0	0.
60	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
66	89	0.	88	0.	88	0.	87	0.	0	0.	0	0.
72	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
78	90	0.	89	0.	89	0.	88	0.	0	0.	0	0.
84	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
96	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
102	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
108	92	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
114	92	30.00	92	20.00	91	0.	91	0.	0	0.	0	0.
120	94	40.00	93	20.00	92	10.00	91	0.	0	0.	0	0.
126	94	30.00	93	20.00	92	10.00	92	0.	0	0.	0	0.
132	94	30.00	93	20.00	92	10.00	92	0.	0	0.	0	0.
138	93	20.00	93	20.00	92	10.00	92	0.	0	0.	0	0.
144	94	30.00	93	20.00	92	10.00	92	0.	0	0.	0	0.
150	94	30.00	92	10.00	92	0.	91	0.	0	0.	0	0.
156	94	30.00	92	10.00	92	0.	91	0.	0	0.	0	0.
162	93	20.00	92	10.00	92	0.	91	0.	0	0.	0	0.
168	93	20.00	92	10.00	92	0.	91	0.	0	0.	0	0.
174	93	20.00	92	10.00	92	0.	91	0.	0	0.	0	0.
180	94	30.00	93	20.00	92	0.	91	0.	0	0.	0	0.
186	95	40.00	93	20.00	92	10.00	92	0.	0	0.	0	0.
192	95	50.00	94	40.00	92	10.00	92	0.	0	0.	0	0.
198	96	70.00	95	50.00	93	20.00	92	0.	0	0.	0	0.
204	94	40.00	94	30.00	92	10.00	91	0.	0	0.	0	0.

TABLE 32 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
210	93	30.00	92	20.00	91	0.	91	0.	0	0.	0	0.
216	93	30.00	91	10.00	91	0.	90	0.	0	0.	0	0.
222	93	40.00	91	10.00	91	0.	90	0.	0	0.	0	0.
228	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
234	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
240	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
246	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
252	90	0.	89	0.	89	0.	88	0.	0	0.	0	0.
258	90	0.	89	0.	89	0.	88	0.	0	0.	0	0.
264	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
270	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
276	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
282	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
288	89	0.	88	0.	88	0.	88	0.	0	0.	0	0.
294	89	0.	88	0.	88	0.	87	0.	0	0.	0	0.
300	88	0.	88	0.	88	0.	87	0.	0	0.	0	0.
306	93	90.00	89	20.00	88	0.	88	0.	0	0.	0	0.
312	0	100.00	0	100.00	93	80.00	90	40.00	0	0.	0	0.
318	0	100.00	0	100.00	0	100.00	93	70.00	0	0.	0	0.
324	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
330	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
336	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
342	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
348	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
354	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
360	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
AVERAGE SHIELDING		41.00		34.50		28.33		24.33		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		91		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 32

SHIELDING OF TARGET AT POSITION B
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
4	96	90.00	96	90.00	95	80.00	95	80.00	0	0.	0	0.
9	96	90.00	96	90.00	95	80.00	95	70.00	0	0.	0	0.
13	96	90.00	96	90.00	95	80.00	95	70.00	0	0.	0	0.
18	96	90.00	96	90.00	95	80.00	95	70.00	0	0.	0	0.
22	0	100.00	96	90.00	96	90.00	95	80.00	0	0.	0	0.
27	0	100.00	0	100.00	96	90.00	95	80.00	0	0.	0	0.
31	0	100.00	0	100.00	96	90.00	95	90.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
40	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
45	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
49	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
54	0	100.00	0	100.00	0	100.00	93	80.00	0	0.	0	0.
58	0	100.00	0	100.00	91	60.00	90	30.00	0	0.	0	0.
63	92	80.00	91	50.00	88	10.00	88	0.	0	0.	0	0.
67	89	20.00	89	0.	88	0.	88	0.	0	0.	0	0.
72	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
76	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
81	90	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
85	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
90	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
94	92	30.00	91	20.00	91	0.	90	0.	0	0.	0	0.
99	92	30.00	92	20.00	91	0.	91	0.	0	0.	0	0.
103	93	30.00	92	20.00	91	0.	91	0.	0	0.	0	0.
108	93	30.00	92	20.00	92	10.00	91	0.	0	0.	0	0.
112	93	30.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
117	94	30.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
121	94	30.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
126	94	30.00	93	20.00	93	20.00	92	10.00	0	0.	0	0.
130	94	30.00	93	20.00	93	20.00	92	10.00	0	0.	0	0.
135	94	30.00	93	20.00	93	20.00	92	10.00	0	0.	0	0.
139	94	30.00	93	20.00	93	20.00	92	10.00	0	0.	0	0.
144	94	30.00	93	20.00	93	20.00	92	10.00	0	0.	0	0.
148	94	30.00	93	20.00	93	10.00	92	10.00	0	0.	0	0.
153	94	30.00	94	30.00	93	20.00	92	10.00	0	0.	0	0.

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
157	94	30.00	93	20.00	92	10.00	92	0.	0	0.	0	0.
162	93	20.00	93	20.00	92	10.00	92	0.	0	0.	0	0.
166	93	20.00	93	20.00	92	10.00	92	0.	0	0.	0	0.
171	93	20.00	93	20.00	92	10.00	92	0.	0	0.	0	0.
175	93	20.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
180	93	20.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
184	93	20.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
189	93	20.00	93	20.00	92	10.00	92	0.	0	0.	0	0.
193	93	20.00	93	20.00	92	10.00	92	0.	0	0.	0	0.
198	93	20.00	93	20.00	92	10.00	92	0.	0	0.	0	0.
202	92	10.00	92	10.00	92	0.	91	0.	0	0.	0	0.
207	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
211	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
216	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
220	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
225	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
229	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
234	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
238	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
243	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
247	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
252	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
256	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
261	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
265	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
270	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
274	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
279	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
283	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
288	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
292	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
297	0	100.00	0	100.00	90	30.00	88	0.	0	0.	0	0.
301	0	100.00	0	100.00	0	100.00	92	70.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE 32 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
310	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
315	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
319	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
324	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
328	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
333	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
337	0	100.00	0	100.00	0	100.00	96	90.00	0	0.	0	0.
342	0	100.00	0	100.00	96	90.00	95	80.00	0	0.	0	0.
346	0	100.00	97	90.00	96	90.00	95	80.00	0	0.	0	0.
351	0	100.00	96	90.00	96	90.00	95	80.00	0	0.	0	0.
355	0	100.00	96	90.00	96	80.00	95	80.00	0	0.	0	0.
360	97	90.00	96	90.00	96	80.00	95	60.00	0	0.	0	0.
AVERAGE SHIELDING		44.37		40.62		34.87		30.12		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		92		92		91		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8

SHIELDING OF TARGET AT POSITION B

RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	95	80.00	95	80.00	95	70.00	94	70.00	0	0.	0	0.
7	95	80.00	95	80.00	95	70.00	94	70.00	0	0.	0	0.
10	95	80.00	95	80.00	94	70.00	94	70.00	0	0.	0	0.
14	0	100.00	95	70.00	94	70.00	94	70.00	0	0.	0	0.
18	0	100.00	95	70.00	94	70.00	94	60.00	0	0.	0	0.
21	94	70.00	94	70.00	94	70.00	93	60.00	0	0.	0	0.
25	94	70.00	94	70.00	93	60.00	93	60.00	0	0.	0	0.
28	94	70.00	94	70.00	93	60.00	93	60.00	0	0.	0	0.
32	94	80.00	94	70.00	94	70.00	93	60.00	0	0.	0	0.
36	94	80.00	94	80.00	93	70.00	93	60.00	0	0.	0	0.
39	94	80.00	94	80.00	93	70.00	93	70.00	0	0.	0	0.
43	95	90.00	94	90.00	94	80.00	93	70.00	0	0.	0	0.
46	0	100.00	0	100.00	0	100.00	94	90.00	0	0.	0	0.
50	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
54	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
57	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
61	0	100.00	0	100.00	0	100.00	92	80.00	0	0.	0	0.
64	92	90.00	92	70.00	91	50.00	90	30.00	0	0.	0	0.
68	91	70.00	90	30.00	89	10.00	89	0.	0	0.	0	0.
72	90	40.00	89	0.	89	0.	89	0.	0	0.	0	0.
75	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
79	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
82	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
86	92	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
90	93	50.00	92	30.00	91	20.00	91	10.00	0	0.	0	0.
93	93	40.00	92	30.00	91	20.00	91	0.	0	0.	0	0.
97	92	30.00	92	30.00	91	10.00	91	0.	0	0.	0	0.
100	93	30.00	92	30.00	92	10.00	91	0.	0	0.	0	0.
104	93	30.00	92	20.00	92	10.00	91	10.00	0	0.	0	0.
108	93	30.00	92	20.00	92	10.00	92	10.00	0	0.	0	0.
111	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
115	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
118	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
122	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.

TABLE 32 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
126	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
129	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
133	93	20.00	93	20.00	93	10.00	92	10.00	0	0.	0	0.
136	93	20.00	93	20.00	93	10.00	92	10.00	0	0.	0	0.
140	93	20.00	93	20.00	93	10.00	92	10.00	0	0.	0	0.
144	93	20.00	93	20.00	93	20.00	92	10.00	0	0.	0	0.
147	94	30.00	93	20.00	93	20.00	92	10.00	0	0.	0	0.
151	94	30.00	93	20.00	93	20.00	92	10.00	0	0.	0	0.
154	94	30.00	94	30.00	93	20.00	92	10.00	0	0.	0	0.
158	94	30.00	93	20.00	93	20.00	92	10.00	0	0.	0	0.
162	94	30.00	93	20.00	93	20.00	92	10.00	0	0.	0	0.
165	93	20.00	93	20.00	93	10.00	92	10.00	0	0.	0	0.
169	93	20.00	93	20.00	93	10.00	92	10.00	0	0.	0	0.
172	93	20.00	93	20.00	93	10.00	92	10.00	0	0.	0	0.
176	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
180	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
183	93	20.00	93	20.00	92	10.00	92	0.	0	0.	0	0.
187	93	20.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
190	93	20.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
194	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
198	92	10.00	92	10.00	92	0.	91	0.	0	0.	0	0.
201	92	10.00	92	0.	91	0.	91	0.	0	0.	0	0.
205	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
208	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
212	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
216	92	30.00	91	0.	91	0.	90	0.	0	0.	0	0.
219	92	60.00	91	0.	90	0.	90	0.	0	0.	0	0.
223	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
226	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
230	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
234	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
237	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
241	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
244	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
248	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
252	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
255	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
259	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
262	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
266	90	10.00	89	0.	89	0.	89	0.	0	0.	0	0.
270	90	30.00	89	0.	89	0.	89	0.	0	0.	0	0.
273	89	10.00	89	0.	89	0.	89	0.	0	0.	0	0.
277	91	40.00	89	10.00	89	0.	89	0.	0	0.	0	0.
280	90	20.00	89	10.00	89	0.	89	0.	0	0.	0	0.
284	90	20.00	89	10.00	89	0.	89	0.	0	0.	0	0.
288	90	20.00	89	10.00	89	0.	89	0.	0	0.	0	0.
291	0	100.00	0	100.00	0	100.00	91	50.00	0	0.	0	0.
295	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
298	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
302	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
309	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
313	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
316	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
320	0	100.00	0	100.00	0	100.00	95	90.00	0	0.	0	0.
324	0	100.00	0	100.00	95	90.00	94	80.00	0	0.	0	0.
327	96	90.00	95	80.00	95	80.00	94	80.00	0	0.	0	0.
331	96	90.00	95	80.00	95	80.00	94	70.00	0	0.	0	0.
334	95	80.00	95	80.00	95	80.00	94	70.00	0	0.	0	0.
338	95	80.00	95	80.00	95	80.00	94	70.00	0	0.	0	0.
342	96	80.00	95	80.00	95	80.00	94	70.00	0	0.	0	0.
345	96	90.00	95	80.00	95	80.00	95	70.00	0	0.	0	0.
349	96	80.00	95	80.00	95	80.00	95	70.00	0	0.	0	0.
352	96	80.00	95	80.00	95	70.00	94	70.00	0	0.	0	0.
356	96	80.00	95	80.00	95	70.00	94	70.00	0	0.	0	0.
360	95	80.00	95	80.00	95	70.00	94.	70.00	0	0.	0	0.
AVERAGE SHIELDING		45.50		40.20		35.30		31.40		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		92		92		92		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 32
SHIELDING OF TARGET AT POSITION B
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	90	30.00	90	30.00	90	30.00	90	20.00	0	0.	0	0.
6	90	30.00	90	30.00	90	20.00	89	20.00	0	0.	0	0.
9	90	30.00	90	30.00	90	30.00	90	20.00	0	0.	0	0.
12	91	30.00	90	30.00	90	30.00	90	20.00	0	0.	0	0.
15	91	30.00	91	30.00	90	30.00	90	30.00	0	0.	0	0.
18	91	40.00	91	30.00	90	30.00	90	30.00	0	0.	0	0.
21	91	40.00	91	40.00	91	30.00	90	30.00	0	0.	0	0.
24	92	50.00	92	40.00	91	40.00	91	40.00	0	0.	0	0.
27	92	50.00	92	50.00	92	40.00	91	40.00	0	0.	0	0.
30	93	60.00	92	50.00	92	50.00	92	50.00	0	0.	0	0.
33	94	70.00	93	60.00	93	60.00	93	60.00	0	0.	0	0.
36	94	70.00	93	70.00	93	60.00	93	60.00	0	0.	0	0.
39	93	70.00	93	70.00	93	60.00	92	60.00	0	0.	0	0.
42	93	70.00	93	70.00	92	60.00	92	60.00	0	0.	0	0.
45	93	70.00	93	70.00	92	60.00	92	60.00	0	0.	0	0.
48	93	80.00	93	70.00	93	70.00	92	60.00	0	0.	0	0.
51	94	90.00	93	80.00	93	80.00	92	70.00	0	0.	0	0.
54	0	100.00	93	90.00	93	80.00	93	80.00	0	0.	0	0.
57	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
60	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
63	0	100.00	0	100.00	0	100.00	93	90.00	0	0.	0	0.
66	0	100.00	92	90.00	91	60.00	91	50.00	0	0.	0	0.
69	91	70.00	91	60.00	90	30.00	89	10.00	0	0.	0	0.
72	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
75	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
78	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
81	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
84	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
87	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
90	91	20.00	91	20.00	91	10.00	90	0.	0	0.	0	0.
93	92	20.00	91	20.00	91	10.00	91	0.	0	0.	0	0.
96	92	30.00	92	20.00	91	10.00	91	10.00	0	0.	0	0.
99	92	30.00	92	20.00	91	10.00	91	10.00	0	0.	0	0.
102	92	20.00	92	20.00	92	10.00	91	10.00	0	0.	0	0.

TABLE 32 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
105	92	20.00	92	20.00	92	10.00	91	10.00	0	0.	0	0.
108	93	20.00	92	20.00	92	10.00	92	10.00	0	0.	0	0.
111	93	20.00	92	20.00	92	10.00	92	10.00	0	0.	0	0.
114	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
117	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
120	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
123	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
126	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
129	93	20.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
132	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
135	93	20.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
138	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
141	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
144	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
147	93	20.00	93	20.00	93	10.00	92	10.00	0	0.	0	0.
150	93	20.00	93	20.00	93	10.00	92	10.00	0	0.	0	0.
153	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
156	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
159	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
162	93	20.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
165	93	20.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
168	93	10.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
171	93	20.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
174	93	10.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
177	93	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
180	93	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
183	93	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
186	93	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
189	92	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
192	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
195	92	10.00	92	0.	92	0.	91	0.	0	0.	0	0.
198	92	10.00	92	0.	92	0.	91	0.	0	0.	0	0.
201	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
204	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
207	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
210	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
213	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
216	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
219	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
222	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
225	91	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
228	90	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
231	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
234	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
237	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
240	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
243	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
246	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
249	90	20.00	90	0.	89	0.	89	0.	0	0.	0	0.
252	90	30.00	90	0.	89	0.	89	0.	0	0.	0	0.
255	90	30.00	90	10.00	89	0.	89	0.	0	0.	0	0.
258	91	50.00	90	30.00	90	0.	89	0.	0	0.	0	0.
261	91	40.00	90	20.00	90	0.	89	0.	0	0.	0	0.
264	91	50.00	90	30.00	90	10.00	89	0.	0	0.	0	0.
267	92	70.00	91	50.00	90	20.00	89	0.	0	0.	0	0.
270	92	70.00	91	50.00	90	30.00	89	10.00	0	0.	0	0.
273	92	70.00	91	40.00	90	10.00	89	10.00	0	0.	0	0.
276	91	60.00	91	40.00	90	20.00	89	10.00	0	0.	0	0.
279	91	50.00	90	30.00	89	10.00	89	10.00	0	0.	0	0.
282	90	30.00	90	20.00	89	10.00	89	0.	0	0.	0	0.
285	90	30.00	90	20.00	89	10.00	89	0.	0	0.	0	0.
288	0	100.00	91	60.00	90	30.00	90	20.00	0	0.	0	0.
291	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
294	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
297	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
300	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
303	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE 32 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
309	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
312	0	100.00	0	100.00	0	100.00	94	90.00	0	0.	0	0.
315	0	100.00	95	90.00	94	90.00	94	80.00	0	0.	0	0.
318	95	90.00	95	90.00	94	80.00	94	80.00	0	0.	0	0.
321	95	90.00	94	80.00	94	80.00	94	70.00	0	0.	0	0.
324	95	90.00	95	90.00	94	80.00	94	80.00	0	0.	0	0.
327	95	80.00	95	80.00	94	80.00	94	70.00	0	0.	0	0.
330	94	70.00	94	70.00	93	60.00	93	60.00	0	0.	0	0.
333	93	60.00	93	60.00	93	60.00	92	50.00	0	0.	0	0.
336	93	60.00	92	50.00	92	50.00	92	50.00	0	0.	0	0.
339	92	50.00	92	50.00	92	40.00	91	40.00	0	0.	0	0.
342	92	40.00	92	40.00	91	40.00	91	30.00	0	0.	0	0.
345	92	40.00	91	40.00	91	40.00	91	30.00	0	0.	0	0.
348	91	40.00	91	40.00	91	30.00	90	30.00	0	0.	0	0.
351	91	40.00	91	30.00	91	30.00	90	30.00	0	0.	0	0.
354	91	30.00	91	30.00	90	30.00	90	30.00	0	0.	0	0.
357	91	30.00	91	30.00	90	30.00	90	30.00	0	0.	0	0.
360	91	30.00	90	30.00	90	30.00	90	20.00	0	0.	0	0.
AVERAGE SHIELDING		38.83		34.00		28.25		25.25		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		92		91		91		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE X

SHIELDING OF TARGET AT POSITION B
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	92	70.00	91	30.00	90	30.00	90	30.00	0	0.	0	0.
5	92	80.00	91	40.00	90	30.00	90	30.00	0	0.	0	0.
7	92	80.00	91	40.00	90	30.00	90	20.00	0	0.	0	0.
10	92	90.00	91	60.00	90	30.00	90	20.00	0	0.	0	0.
12	0	100.00	91	70.00	90	30.00	90	20.00	0	0.	0	0.
15	0	100.00	91	70.00	90	20.00	90	20.00	0	0.	0	0.
18	0	100.00	90	40.00	90	20.00	89	20.00	0	0.	0	0.
20	0	100.00	92	90.00	90	20.00	89	20.00	0	0.	0	0.
23	0	100.00	90	20.00	89	20.00	89	20.00	0	0.	0	0.
25	91	80.00	89	20.00	89	20.00	89	20.00	0	0.	0	0.
28	89	20.00	89	20.00	89	20.00	89	10.00	0	0.	0	0.
30	90	20.00	89	20.00	89	20.00	89	10.00	0	0.	0	0.
33	90	30.00	90	30.00	90	20.00	89	20.00	0	0.	0	0.
36	91	40.00	90	30.00	90	30.00	90	30.00	0	0.	0	0.
38	91	40.00	91	40.00	91	40.00	90	30.00	0	0.	0	0.
41	92	50.00	92	50.00	92	50.00	91	40.00	0	0.	0	0.
43	93	60.00	92	60.00	92	60.00	92	50.00	0	0.	0	0.
46	93	70.00	93	70.00	92	60.00	92	60.00	0	0.	0	0.
48	93	70.00	92	60.00	92	60.00	92	50.00	0	0.	0	0.
51	92	70.00	92	70.00	92	60.00	92	60.00	0	0.	0	0.
54	92	70.00	92	70.00	92	60.00	92	60.00	0	0.	0	0.
56	93	80.00	92	80.00	92	70.00	92	60.00	0	0.	0	0.
59	93	90.00	93	90.00	92	80.00	92	70.00	0	0.	0	0.
61	0	100.00	0	100.00	0	100.00	92	90.00	0	0.	0	0.
64	0	100.00	0	100.00	0	100.00	93	90.00	0	0.	0	0.
66	0	100.00	0	100.00	92	90.00	92	70.00	0	0.	0	0.
69	92	80.00	91	60.00	91	50.00	90	30.00	0	0.	0	0.
72	90	50.00	90	20.00	89	0.	89	0.	0	0.	0	0.
74	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
77	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
79	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
82	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
84	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
87	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
90	91	10.00	91	10.00	91	0.	90	0.	0	0.	0	0.
92	92	20.00	91	20.00	91	10.00	91	10.00	0	0.	0	0.
95	92	30.00	92	20.00	92	20.00	91	10.00	0	0.	0	0.
97	92	20.00	92	20.00	91	10.00	91	10.00	0	0.	0	0.
100	92	20.00	92	20.00	92	10.00	91	10.00	0	0.	0	0.
102	92	20.00	92	20.00	92	10.00	91	10.00	0	0.	0	0.
105	92	20.00	92	20.00	92	10.00	92	10.00	0	0.	0	0.
108	92	20.00	92	20.00	92	10.00	92	10.00	0	0.	0	0.
110	92	20.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
113	92	20.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
115	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
118	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
120	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
123	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
126	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
128	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
131	93	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
133	93	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
136	93	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
138	93	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
141	93	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
144	93	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
146	93	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
149	93	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
151	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
154	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
156	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
159	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
162	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
164	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
167	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
169	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
172	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
174	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.

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TABLE 32 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
177	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
180	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
182	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
185	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
187	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
190	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
192	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
195	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
198	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
200	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
203	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
205	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
208	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
210	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
213	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
216	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
218	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
221	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
223	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
226	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
228	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
231	91	40.00	90	0.	90	0.	89	0.	0	0.	0	0.
234	90	10.00	90	0.	89	0.	89	0.	0	0.	0	0.
236	90	20.00	90	0.	89	0.	89	0.	0	0.	0	0.
239	90	30.00	90	10.00	90	0.	89	0.	0	0.	0	0.
241	90	30.00	90	10.00	90	0.	89	0.	0	0.	0	0.
244	90	30.00	90	10.00	90	0.	89	0.	0	0.	0	0.
246	90	30.00	90	10.00	90	0.	89	0.	0	0.	0	0.
249	91	40.00	90	20.00	90	0.	89	0.	0	0.	0	0.
252	91	40.00	90	30.00	90	0.	90	0.	0	0.	0	0.
254	91	50.00	90	30.00	90	10.00	90	0.	0	0.	0	0.
257	91	50.00	91	40.00	90	20.00	90	0.	0	0.	0	0.
259	91	60.00	91	40.00	90	20.00	90	0.	0	0.	0	0.
262	91	60.00	91	50.00	90	30.00	90	10.00	0	0.	0	0.

TABLE 32 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
264	92	70.00	91	50.00	90	30.00	90	20.00	0	0.	0	0.
267	92	80.00	92	70.00	91	50.00	90	30.00	0	0.	0	0.
270	92	80.00	92	70.00	91	50.00	90	30.00	0	0.	0	0.
272	92	70.00	91	60.00	91	40.00	90	20.00	0	0.	0	0.
275	92	70.00	91	60.00	91	40.00	90	20.00	0	0.	0	0.
277	91	50.00	91	50.00	90	30.00	90	20.00	0	0.	0	0.
280	91	40.00	90	30.00	90	20.00	89	10.00	0	0.	0	0.
282	90	30.00	90	20.00	89	10.00	89	10.00	0	0.	0	0.
285	0	100.00	91	70.00	90	30.00	90	20.00	0	0.	0	0.
288	0	100.00	0	100.00	0	100.00	92	90.00	0	0.	0	0.
290	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
293	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
295	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
298	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
300	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
303	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	94	90.00	0	0.	0	0.
308	0	100.00	0	100.00	94	90.00	94	90.00	0	0.	0	0.
311	94	90.00	94	90.00	94	90.00	94	80.00	0	0.	0	0.
313	0	100.00	94	90.00	94	90.00	94	80.00	0	0.	0	0.
316	94	90.00	94	80.00	94	80.00	94	80.00	0	0.	0	0.
318	94	80.00	93	70.00	93	70.00	93	70.00	0	0.	0	0.
321	93	60.00	93	60.00	92	50.00	92	50.00	0	0.	0	0.
324	92	50.00	92	50.00	92	50.00	91	40.00	0	0.	0	0.
326	91	40.00	91	40.00	91	40.00	90	30.00	0	0.	0	0.
329	91	40.00	91	30.00	90	30.00	90	30.00	0	0.	0	0.
331	91	30.00	90	30.00	90	30.00	90	30.00	0	0.	0	0.
334	91	40.00	91	30.00	90	30.00	90	30.00	0	0.	0	0.
336	91	30.00	91	30.00	90	30.00	90	30.00	0	0.	0	0.
339	0	100.00	91	30.00	91	30.00	90	30.00	0	0.	0	0.
342	0	100.00	91	30.00	91	30.00	90	30.00	0	0.	0	0.
344	92	70.00	91	30.00	91	30.00	90	30.00	0	0.	0	0.
347	92	70.00	91	30.00	91	30.00	90	30.00	0	0.	0	0.
349	91	40.00	91	30.00	91	30.00	90	30.00	0	0.	0	0.

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
352	91	50.00	91	30.00	91	30.00	90	30.00	0	0.	0	0.
354	92	60.00	91	30.00	90	30.00	90	30.00	0	0.	0	0.
357	91	60.00	91	30.00	90	30.00	90	30.00	0	0.	0	0.
360	92	70.00	91	30.00	90	30.00	90	30.00	0	0.	0	0.
AVERAGE SHIELDING		40.57		31.14		25.64		22.57		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		91		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 7
SHIELDING OF TARGET AT POSITION B
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	91	60.00	91	40.00	90	30.00	90	30.00	0	0.	0	0.
4	91	60.00	91	40.00	90	30.00	90	30.00	0	0.	0	0.
6	91	50.00	90	30.00	90	30.00	90	30.00	0	0.	0	0.
9	91	70.00	91	50.00	90	30.00	90	30.00	0	0.	0	0.
11	92	80.00	91	70.00	91	40.00	90	30.00	0	0.	0	0.
13	0	100.00	92	80.00	91	40.00	90	30.00	0	0.	0	0.
15	0	100.00	0	100.00	91	70.00	90	30.00	0	0.	0	0.
18	0	100.00	0	100.00	91	70.00	90	30.00	0	0.	0	0.
20	0	100.00	0	100.00	92	90.00	91	50.00	0	0.	0	0.
22	0	100.00	0	100.00	92	90.00	90	40.00	0	0.	0	0.
24	0	100.00	0	100.00	0	100.00	91	70.00	0	0.	0	0.
27	0	100.00	0	100.00	0	100.00	91	80.00	0	0.	0	0.
29	0	100.00	0	100.00	0	100.00	91	60.00	0	0.	0	0.
31	0	100.00	0	100.00	0	100.00	90	40.00	0	0.	0	0.
33	0	100.00	0	100.00	0	100.00	90	20.00	0	0.	0	0.
36	0	100.00	0	100.00	90	50.00	90	20.00	0	0.	0	0.
38	0	100.00	90	20.00	89	20.00	89	20.00	0	0.	0	0.
40	90	20.00	89	20.00	89	20.00	89	20.00	0	0.	0	0.
42	90	30.00	90	30.00	90	20.00	89	20.00	0	0.	0	0.
45	91	40.00	90	30.00	90	30.00	90	30.00	0	0.	0	0.
47	91	50.00	91	40.00	91	40.00	90	40.00	0	0.	0	0.
49	92	60.00	92	60.00	91	50.00	91	50.00	0	0.	0	0.
51	92	70.00	92	60.00	92	60.00	92	60.00	0	0.	0	0.
54	92	70.00	92	60.00	92	60.00	91	60.00	0	0.	0	0.
56	92	70.00	92	60.00	91	60.00	91	50.00	0	0.	0	0.
58	92	70.00	92	70.00	91	60.00	91	60.00	0	0.	0	0.
60	92	80.00	92	70.00	92	70.00	91	60.00	0	0.	0	0.
63	92	80.00	92	80.00	92	70.00	91	60.00	0	0.	0	0.
65	92	90.00	92	80.00	92	70.00	91	60.00	0	0.	0	0.
67	0	100.00	0	100.00	92	90.00	92	80.00	0	0.	0	0.
69	0	100.00	0	100.00	92	90.00	91	60.00	0	0.	0	0.
72	92	90.00	91	70.00	90	40.00	89	10.00	0	0.	0	0.
74	91	80.00	90	40.00	89	0.	89	0.	0	0.	0	0.
76	90	30.00	89	0.	89	0.	89	0.	0	0.	0	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
78	89	10.00	89	0.	89	0.	89	0.	0	0.	0	0.
81	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
83	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
85	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
87	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
90	91	10.00	91	10.00	90	0.	90	0.	0	0.	0	0.
92	91	10.00	91	10.00	91	10.00	91	0.	0	0.	0	0.
94	91	20.00	91	10.00	91	10.00	91	0.	0	0.	0	0.
96	92	20.00	91	10.00	91	10.00	91	0.	0	0.	0	0.
99	92	20.00	92	20.00	91	10.00	91	10.00	0	0.	0	0.
101	92	20.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
103	92	20.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
105	92	20.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
108	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
110	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
112	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
114	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
117	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
119	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
121	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
123	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
126	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
128	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
130	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
132	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
135	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
137	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
139	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
141	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
144	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
146	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
148	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
150	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
153	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.

TABLE 32 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
155	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
157	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
159	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
162	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
164	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
166	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
168	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
171	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
173	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
175	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
177	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
180	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
182	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
184	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
186	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
189	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
191	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
193	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
195	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
198	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
200	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
202	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
204	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
207	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
209	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
211	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
213	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
216	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
218	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
220	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
222	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
225	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
227	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
229	90	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.

Sh 3 of 25

TABLE 32 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
231	90	30.00	90	10.00	90	0.	90	0.	0	0.	0	0.
234	90	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
236	90	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
238	90	20.00	90	10.00	90	0.	89	0.	0	0.	0	0.
240	90	30.00	90	10.00	90	0.	89	0.	0	0.	0	0.
243	90	30.00	90	20.00	90	0.	89	0.	0	0.	0	0.
245	90	30.00	90	20.00	90	0.	90	0.	0	0.	0	0.
247	90	30.00	90	20.00	90	10.00	90	0.	0	0.	0	0.
249	91	40.00	90	30.00	90	10.00	90	0.	0	0.	0	0.
252	91	40.00	90	30.00	90	20.00	90	0.	0	0.	0	0.
254	91	50.00	91	40.00	90	30.00	90	10.00	0	0.	0	0.
256	91	60.00	91	50.00	91	40.00	90	20.00	0	0.	0	0.
258	92	80.00	91	60.00	91	40.00	90	30.00	0	0.	0	0.
261	0	100.00	92	60.00	91	50.00	91	30.00	0	0.	0	0.
263	92	80.00	92	60.00	91	50.00	91	40.00	0	0.	0	0.
265	92	70.00	91	60.00	91	40.00	90	30.00	0	0.	0	0.
267	92	70.00	92	70.00	91	50.00	91	40.00	0	0.	0	0.
270	92	70.00	91	60.00	91	50.00	91	40.00	0	0.	0	0.
272	92	70.00	91	60.00	91	40.00	90	30.00	0	0.	0	0.
274	91	60.00	91	60.00	91	40.00	90	30.00	0	0.	0	0.
276	91	50.00	91	50.00	91	40.00	90	30.00	0	0.	0	0.
279	91	40.00	91	40.00	90	30.00	90	20.00	0	0.	0	0.
281	90	30.00	90	20.00	90	20.00	89	10.00	0	0.	0	0.
283	0	100.00	91	60.00	90	30.00	90	20.00	0	0.	0	0.
285	0	100.00	0	100.00	0	100.00	92	80.00	0	0.	0	0.
288	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
290	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
292	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
294	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
297	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
299	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
301	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
303	0	100.00	0	100.00	93	90.00	93	90.00	0	0.	0	0.
306	0	100.00	0	100.00	94	90.00	93	90.00	0	0.	0	0.

TABLE 32 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
308	0	100.00	94	90.00	94	90.00	94	90.00	0	0.	0	0.
310	94	80.00	93	80.00	93	80.00	93	70.00	0	0.	0	0.
312	93	70.00	92	60.00	92	60.00	92	60.00	0	0.	0	0.
315	92	50.00	92	50.00	91	50.00	91	40.00	0	0.	0	0.
317	91	40.00	91	40.00	91	40.00	91	40.00	0	0.	0	0.
319	90	30.00	90	30.00	90	30.00	90	30.00	0	0.	0	0.
321	90	30.00	90	30.00	90	30.00	89	20.00	0	0.	0	0.
324	90	30.00	90	30.00	90	30.00	90	30.00	0	0.	0	0.
326	90	30.00	90	30.00	90	30.00	90	20.00	0	0.	0	0.
328	90	30.00	90	30.00	90	30.00	90	30.00	0	0.	0	0.
330	91	30.00	90	30.00	90	30.00	90	30.00	0	0.	0	0.
333	91	50.00	91	30.00	90	30.00	90	30.00	0	0.	0	0.
335	91	60.00	91	40.00	91	30.00	90	30.00	0	0.	0	0.
337	92	80.00	91	50.00	91	30.00	90	30.00	0	0.	0	0.
339	92	70.00	91	40.00	91	30.00	90	30.00	0	0.	0	0.
342	92	60.00	91	40.00	91	30.00	90	30.00	0	0.	0	0.
344	91	50.00	91	30.00	91	30.00	90	30.00	0	0.	0	0.
346	91	40.00	91	30.00	91	30.00	90	30.00	0	0.	0	0.
348	91	40.00	91	30.00	91	30.00	90	30.00	0	0.	0	0.
351	91	40.00	91	30.00	91	30.00	90	30.00	0	0.	0	0.
353	91	40.00	91	30.00	91	30.00	90	30.00	0	0.	0	0.
355	91	50.00	91	30.00	91	30.00	90	30.00	0	0.	0	0.
357	91	60.00	91	40.00	91	30.00	90	30.00	0	0.	0	0.
360	91	60.00	91	40.00	90	30.00	90	30.00	0	0.	0	0.
AVERAGE SHIELDING		41.12		33.75		28.69		23.31		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		90		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8
SHIELDING OF TARGET AT POSITION C
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
18	87	0.	87	0.	85	0.	84	0.	0	0.	0	0.
36	89	0.	88	0.	87	0.	85	0.	0	0.	0	0.
54	90	0.	89	0.	87	0.	86	0.	0	0.	0	0.
72	90	0.	89	0.	88	0.	86	0.	0	0.	0	0.
90	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
108	92	0.	91	0.	89	0.	88	0.	0	0.	0	0.
126	92	0.	91	0.	89	0.	88	0.	0	0.	0	0.
144	92	0.	91	0.	90	0.	88	0.	0	0.	0	0.
162	92	0.	91	0.	89	0.	88	0.	0	0.	0	0.
180	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
198	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
216	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
234	90	0.	89	0.	88	0.	87	0.	0	0.	0	0.
252	90	0.	89	0.	88	0.	87	0.	0	0.	0	0.
270	90	0.	89	0.	87	0.	86	0.	0	0.	0	0.
288	89	0.	88	0.	87	0.	85	0.	0	0.	0	0.
306	89	0.	88	0.	87	0.	85	0.	0	0.	0	0.
324	88	0.	87	0.	85	0.	84	0.	0	0.	0	0.
342	87	0.	86	0.	85	0.	83	0.	0	0.	0	0.
360	87	0.	86	0.	84	0.	83	0.	0	0.	0	0.
AVERAGE SHIELDING		0.		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		89		87		86		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE NO 1

TABLE 33

SHIELDING OF TARGET AT POSITION C

RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
9	0	100.00	95	80.00	89	30.00	87	0.	0	0.	0	0.
18	95	90.00	91	40.00	87	10.00	87	0.	0	0.	0	0.
27	89	30.00	87	0.	86	0.	86	0.	0	0.	0	0.
36	87	0.	87	0.	86	0.	85	0.	0	0.	0	0.
45	87	0.	87	0.	86	0.	85	0.	0	0.	0	0.
54	88	0.	87	0.	87	0.	86	0.	0	0.	0	0.
63	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
72	89	0.	89	0.	88	0.	87	0.	0	0.	0	0.
81	90	0.	89	0.	89	0.	88	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
99	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
108	92	0.	91	0.	90	0.	90	0.	0	0.	0	0.
117	92	10.00	92	0.	91	0.	90	0.	0	0.	0	0.
126	94	20.00	92	10.00	92	0.	91	0.	0	0.	0	0.
135	94	20.00	93	10.00	92	0.	91	0.	0	0.	0	0.
144	94	20.00	93	10.00	92	0.	91	0.	0	0.	0	0.
153	93	10.00	93	10.00	92	0.	91	0.	0	0.	0	0.
162	93	10.00	92	0.	92	0.	91	0.	0	0.	0	0.
171	92	10.00	92	0.	91	0.	90	0.	0	0.	0	0.
180	92	0.	91	0.	90	0.	90	0.	0	0.	0	0.
189	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
198	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
207	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
216	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
225	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
234	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
243	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
252	90	0.	89	0.	89	0.	88	0.	0	0.	0	0.
261	90	0.	89	0.	88	0.	88	0.	0	0.	0	0.
270	89	0.	89	0.	88	0.	87	0.	0	0.	0	0.
279	89	0.	88	0.	88	0.	87	0.	0	0.	0	0.
288	89	0.	88	0.	87	0.	87	0.	0	0.	0	0.
297	88	0.	88	0.	87	0.	86	0.	0	0.	0	0.
306	88	0.	87	0.	87	0.	86	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
315	88	0.	87	0.	86	0.	86	0.	0	0.	0	0.
324	87	0.	87	0.	86	0.	86	0	0	0.	0	0.
333	89	30.00	87	0.	87	0.	86	0.	0	0.	0	0.
342	95	90.00	91	40.00	87	10.00	87	0.	0	0.	0	0.
351	0	100.00	95	80.00	90	30.00	87	0.	0	0.	0	0.
360	0	100.00	0	100.00	92	50.00	87	10.00	0	0.	0	0.
AVERAGE SHIELDING		16.00		9.50		3.25		0.25		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		89		88		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 3
SHIELDING OF TARGET AT POSITION C
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
6	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
12	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
24	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
30	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	94	90.00	0	0.	0	0.
42	0	100.00	0	100.00	93	80.00	92	60.00	0	0.	0	0.
48	0	100.00	93	90.00	91	60.00	89	30.00	0	0.	0	0.
54	92	70.00	89	30.00	88	0.	87	0.	0	0.	0	0.
60	88	10.00	88	0.	87	0.	87	0.	0	0.	0	0.
66	89	0.	88	0.	88	0.	87	0.	0	0.	0	0.
72	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
78	90	10.00	90	0.	89	0.	89	0.	0	0.	0	0.
84	91	20.00	90	10.00	90	0.	89	0.	0	0.	0	0.
90	92	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
96	92	20.00	91	10.00	91	0.	90	0.	0	0.	0	0.
102	92	20.00	92	10.00	91	0.	91	0.	0	0.	0	0.
108	93	20.00	92	10.00	92	0.	91	0.	0	0.	0	0.
114	93	20.00	92	10.00	92	0.	91	0.	0	0.	0	0.
120	94	20.00	93	20.00	92	10.00	92	0.	0	0.	0	0.
126	94	20.00	94	20.00	93	10.00	92	0.	0	0.	0	0.
132	94	20.00	94	20.00	93	10.00	92	10.00	0	0.	0	0.
138	94	20.00	94	20.00	93	10.00	92	10.00	0	0.	0	0.
144	94	20.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
150	94	20.00	93	10.00	93	10.00	92	0.	0	0.	0	0.
156	94	20.00	93	10.00	93	10.00	92	0.	0	0.	0	0.
162	93	10.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
168	94	20.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
174	93	20.00	92	10.00	92	0.	91	0.	0	0.	0	0.
180	93	20.00	92	10.00	92	0.	91	0.	0	0.	0	0.
186	93	20.00	92	10.00	92	0.	91	0.	0	0.	0	0.
192	93	20.00	92	10.00	92	0.	91	0.	0	0.	0	0.
198	93	30.00	93	20.00	92	0.	91	0.	0	0.	0	0.
204	95	50.00	93	30.00	91	0.	91	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
210	93	30.00	92	10.00	91	0.	91	0.	0	0.	0	0.
216	92	20.00	91	0.	91	0.	90	0.	0	0.	0	0.
222	0	100.00	0	100.00	92	30.00	91	0.	0	0.	0	0.
228	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
234	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
240	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
246	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
252	90	0.	89	0.	89	0.	88	0.	0	0.	0	0.
258	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
264	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
270	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
276	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
282	89	0.	88	0.	88	0.	87	0.	0	0.	0	0.
288	88	0.	88	0.	88	0.	87	0.	0	0.	0	0.
294	88	0.	88	0.	88	0.	87	0.	0	0.	0	0.
300	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
306	91	50.00	88	0.	88	0.	87	0.	0	0.	0	0.
312	0	100.00	0	100.00	92	70.00	90	30.00	0	0.	0	0.
318	0	100.00	0	100.00	0	100.00	93	80.00	0	0.	0	0.
324	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
330	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
336	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
342	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
348	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
354	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
360	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
AVERAGE SHIELDING		40.67		35.17		28.83		25.33		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		91		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE X

SHIELDING OF TARGET AT POSITION C

RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
4	0	100.00	96	90.00	95	80.00	95	80.00	0	0.	0	0.
9	0	100.00	96	90.00	95	80.00	95	80.00	0	0.	0	0.
13	96	90.00	96	90.00	95	80.00	95	80.00	0	0.	0	0.
18	0	100.00	96	90.00	95	90.00	95	80.00	0	0.	0	0.
22	0	100.00	0	100.00	95	90.00	94	80.00	0	0.	0	0.
27	0	100.00	0	100.00	0	100.00	95	90.00	0	0.	0	0.
31	0	100.00	0	100.00	0	100.00	95	90.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
40	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
45	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
49	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
54	0	100.00	0	100.00	93	90.00	92	70.00	0	0.	0	0.
58	92	80.00	91	60.00	90	40.00	89	30.00	0	0.	0	0.
63	91	60.00	90	30.00	88	0.	88	0.	0	0.	0	0.
67	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
72	91	40.00	89	0.	89	0.	88	0.	0	0.	0	0.
76	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
81	90	10.00	90	10.00	90	0.	89	0.	0	0.	0	0.
85	91	20.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
90	92	30.00	92	20.00	91	10.00	91	0.	0	0.	0	0.
94	93	30.00	92	20.00	91	10.00	91	0.	0	0.	0	0.
99	93	20.00	92	20.00	92	10.00	91	0.	0	0.	0	0.
103	93	20.00	93	20.00	92	10.00	91	0.	0	0.	0	0.
108	93	20.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
112	93	20.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
117	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
121	93	20.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
126	94	20.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
130	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
135	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
139	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
144	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
148	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
153	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
157	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
162	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
166	94	20.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
171	94	20.00	93	20.00	93	10.00	92	10.00	0	0.	0	0.
175	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
180	94	30.00	93	20.00	92	10.00	92	0.	0	0.	0	0.
184	93	20.00	93	20.00	92	10.00	92	0.	0	0.	0	0.
189	93	20.00	93	20.00	92	10.00	92	0.	0	0.	0	0.
193	93	20.00	93	20.00	92	10.00	92	0.	0	0.	0	0.
198	93	30.00	93	20.00	92	10.00	92	0.	0	0.	0	0.
202	93	30.00	93	20.00	92	10.00	91	0.	0	0.	0	0.
207	93	30.00	93	30.00	92	10.00	91	0.	0	0.	0	0.
211	93	40.00	93	30.00	92	20.00	91	0.	0	0.	0	0.
216	93	30.00	92	20.00	91	10.00	91	0.	0	0.	0	0.
220	92	20.00	91	10.00	91	0.	91	0.	0	0.	0	0.
225	91	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
229	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
234	91	30.00	90	0.	90	0.	90	0.	0	0.	0	0.
238	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
243	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
247	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
252	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
256	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
261	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
265	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
270	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
274	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
279	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
283	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
288	89	0.	88	0.	88	0.	88	0.	0	0.	0	0.
292	88	0.	88	0.	88	0.	87	0.	0	0.	0	0.
297	0	100.00	91	70.00	88	0.	88	0.	0	0.	0	0.
301	0	100.00	0	100.00	93	90.00	91	50.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE 53 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
310	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
315	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
319	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
324	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
329	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
333	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
337	0	100.00	0	100.00	0	100.00	96	90.00	0	0.	0	0.
342	0	100.00	0	100.00	96	90.00	95	90.00	0	0.	0	0.
346	0	100.00	0	100.00	96	90.00	95	80.00	0	0.	0	0.
351	0	100.00	0	100.00	96	90.00	95	80.00	0	0.	0	0.
355	0	100.00	96	90.00	96	90.00	95	80.00	0	0.	0	0.
360	96	90.00	96	90.00	95	80.00	95	80.00	0	0.	0	0.
AVERAGE SHIELDING		44.37		40.12		34.87		31.00		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		92		92		91		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

33

TABLE
SHIELDING OF TARGET AT POSITION C
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	95	80.00	95	80.00	95	80.00	94	70.00	0	0.	0	0.
7	95	80.00	95	80.00	94	70.00	94	70.00	0	0.	0	0.
10	95	80.00	95	80.00	94	70.00	94	70.00	0	0.	0	0.
14	95	90.00	95	80.00	94	70.00	94	70.00	0	0.	0	0.
18	95	80.00	94	80.00	94	70.00	94	70.00	0	0.	0	0.
21	94	80.00	94	70.00	94	70.00	93	70.00	0	0.	0	0.
25	94	80.00	94	80.00	93	70.00	93	70.00	0	0.	0	0.
28	94	80.00	94	70.00	93	70.00	93	60.00	0	0.	0	0.
32	94	80.00	94	80.00	93	70.00	93	70.00	0	0.	0	0.
36	94	90.00	94	80.00	93	80.00	93	70.00	0	0.	0	0.
39	94	90.00	94	90.00	93	80.00	93	70.00	0	0.	0	0.
43	0	100.00	94	90.00	94	90.00	93	80.00	0	0.	0	0.
46	0	100.00	0	100.00	0	100.00	94	90.00	0	0.	0	0.
50	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
54	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
57	0	100.00	0	100.00	0	100.00	92	70.00	0	0.	0	0.
61	0	100.00	93	90.00	92	70.00	91	50.00	0	0.	0	0.
64	92	70.00	91	50.00	90	30.00	89	0.	0	0.	0	0.
68	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
72	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
75	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
79	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
82	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
86	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
90	91	10.00	91	10.00	91	10.00	90	0.	0	0.	0	0.
93	92	20.00	91	10.00	91	10.00	91	0.	0	0.	0	0.
97	92	20.00	92	20.00	91	10.00	91	10.00	0	0.	0	0.
100	92	20.00	92	20.00	92	10.00	91	0.	0	0.	0	0.
104	93	20.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
108	93	20.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
111	93	20.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
115	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
118	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
122	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.

TABLE 33 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
126	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
129	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
133	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
136	93	10.00	93	10.00	93	10.00	92	0.	0	0.	0	0.
140	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
144	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
147	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
151	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
154	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
158	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
162	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
165	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
169	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
172	93	20.00	93	20.00	93	10.00	92	10.00	0	0.	0	0.
176	93	20.00	93	20.00	93	10.00	92	10.00	0	0.	0	0.
180	94	30.00	93	20.00	93	20.00	92	10.00	0	0.	0	0.
183	93	20.00	93	20.00	93	20.00	92	10.00	0	0.	0	0.
187	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
190	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
194	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
198	93	20.00	93	20.00	92	10.00	92	0.	0	0.	0	0.
201	93	20.00	92	20.00	92	10.00	91	0.	0	0.	0	0.
205	92	20.00	92	20.00	92	10.00	91	0.	0	0.	0	0.
208	92	20.00	92	10.00	91	10.00	91	0.	0	0.	0	0.
212	92	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
216	91	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
219	91	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
223	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
226	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
230	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
234	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
237	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
241	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
244	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
248	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
252	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
255	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
259	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
262	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
266	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
270	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
273	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
277	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
280	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
284	89	10.00	89	0.	88	0.	88	0.	0	0.	0	0.
288	89	10.00	89	0.	88	0.	88	0.	0	0.	0	0.
291	0	100.00	0	100.00	90	40.00	88	0.	0	0.	0	0.
295	0	100.00	0	100.00	0	100.00	92	90.00	0	0.	0	0.
298	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
302	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
309	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
313	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
316	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
320	0	100.00	0	100.00	0	100.00	95	90.00	0	0.	0	0.
324	0	100.00	0	100.00	95	90.00	95	90.00	0	0.	0	0.
327	0	100.00	95	90.00	95	90.00	94	80.00	0	0.	0	0.
331	95	90.00	95	90.00	94	80.00	94	80.00	0	0.	0	0.
334	95	90.00	95	80.00	94	80.00	94	70.00	0	0.	0	0.
338	95	90.00	95	80.00	95	80.00	94	70.00	0	0.	0	0.
342	0	100.00	95	80.00	95	80.00	94	80.00	0	0.	0	0.
345	0	100.00	95	80.00	95	80.00	94	70.00	0	0.	0	0.
349	95	90.00	95	80.00	95	80.00	94	70.00	0	0.	0	0.
352	95	80.00	95	80.00	95	80.00	94	70.00	0	0.	0	0.
356	95	80.00	95	80.00	95	80.00	94	70.00	0	0.	0	0.
360	95	80.00	95	80.00	95	80.00	94	70.00	0	0.	0	0.
AVERAGE SHIELDING		40.90		38.10		34.90		30.80		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		92		92		91		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 33

SHIELDING OF TARGET AT POSITION C

RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	90	30.00	90	30.00	90	30.00	89	20.00	0	0.	0	0.
6	90	30.00	90	30.00	90	30.00	89	30.00	0	0.	0	0.
9	90	30.00	90	30.00	90	30.00	89	30.00	0	0.	0	0.
12	91	40.00	90	30.00	90	30.00	90	30.00	0	0.	0	0.
15	91	40.00	91	40.00	90	30.00	90	30.00	0	0.	0	0.
18	91	40.00	91	40.00	91	40.00	90	30.00	0	0.	0	0.
21	91	50.00	91	40.00	91	40.00	90	40.00	0	0.	0	0.
24	92	50.00	92	50.00	91	50.00	91	40.00	0	0.	0	0.
27	92	60.00	92	60.00	92	50.00	91	50.00	0	0.	0	0.
30	93	60.00	92	60.00	92	60.00	92	50.00	0	0.	0	0.
33	93	70.00	93	70.00	93	70.00	92	60.00	0	0.	0	0.
36	94	80.00	93	80.00	93	70.00	93	70.00	0	0.	0	0.
39	93	80.00	93	70.00	93	70.00	92	60.00	0	0.	0	0.
42	93	80.00	93	70.00	92	70.00	92	60.00	0	0.	0	0.
45	93	80.00	93	80.00	92	70.00	92	70.00	0	0.	0	0.
48	93	90.00	93	80.00	93	80.00	92	70.00	0	0.	0	0.
51	93	90.00	93	90.00	93	80.00	92	80.00	0	0.	0	0.
54	93	90.00	93	90.00	93	80.00	92	70.00	0	0.	0	0.
57	0	100.00	0	100.00	93	90.00	93	80.00	0	0.	0	0.
60	0	100.00	0	100.00	0	100.00	93	90.00	0	0.	0	0.
63	0	100.00	0	100.00	93	90.00	92	80.00	0	0.	0	0.
66	0	100.00	91	70.00	91	50.00	90	30.00	0	0.	0	0.
69	91	70.00	90	40.00	89	0.	89	0.	0	0.	0	0.
72	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
75	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
78	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
81	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
84	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
87	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
90	91	10.00	91	10.00	91	0.	90	0.	0	0.	0	0.
93	92	20.00	91	10.00	91	10.00	91	0.	0	0.	0	0.
96	92	20.00	92	20.00	91	10.00	91	10.00	0	0.	0	0.
99	92	20.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
102	92	20.00	92	10.00	92	10.00	91	0.	0	0.	0	0.

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
105	92	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
108	92	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
111	92	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
114	92	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
117	93	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
120	93	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
123	93	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
126	93	10.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
129	93	10.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
132	93	10.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
135	93	10.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
138	93	10.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
141	93	10.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
144	93	10.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
147	93	10.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
150	93	10.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
153	93	10.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
156	93	10.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
159	93	10.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
162	93	10.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
165	93	10.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
168	93	10.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
171	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
174	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
177	93	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
180	93	20.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
183	93	20.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
186	93	20.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
189	93	20.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
192	93	20.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
195	93	20.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
198	92	20.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
201	92	20.00	92	10.00	92	10.00	91	0.	0	0.	0	0.
204	92	10.00	92	10.00	91	0.	91	0.	0	0.	0	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
207	92	10.00	92	10.00	91	0.	91	0.	0	0.	0	0.
210	91	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
213	91	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
216	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
219	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
222	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
225	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
228	92	70.00	91	30.00	90	0.	90	0.	0	0.	0	0.
231	91	50.00	90	0.	90	0.	90	0.	0	0.	0	0.
234	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
237	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
240	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
243	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
246	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
249	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
252	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
255	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
258	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
261	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
264	89	10.00	89	0.	89	0.	89	0.	0	0.	0	0.
267	90	20.00	89	0.	89	0.	89	0.	0	0.	0	0.
270	90	40.00	89	10.00	89	0.	89	0.	0	0.	0	0.
273	90	20.00	89	10.00	89	0.	89	0.	0	0.	0	0.
276	91	50.00	90	20.00	89	0.	89	0.	0	0.	0	0.
279	90	30.00	89	20.00	89	0.	89	0.	0	0.	0	0.
282	90	30.00	89	20.00	89	0.	89	0.	0	0.	0	0.
285	90	30.00	89	20.00	89	0.	89	0.	0	0.	0	0.
288	0	100.00	0	100.00	0	100.00	91	60.00	0	0.	0	0.
291	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
294	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
297	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
300	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
303	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE 33 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
309	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
312	0	100.00	0	100.00	0	100.00	94	90.00	0	0.	0	0.
315	0	100.00	94	90.00	94	90.00	94	80.00	0	0.	0	0.
318	94	90.00	94	90.00	94	80.00	94	80.00	0	0.	0	0.
321	95	90.00	94	90.00	94	80.00	94	80.00	0	0.	0	0.
324	95	90.00	95	90.00	94	80.00	94	80.00	0	0.	0	0.
327	95	90.00	95	90.00	94	80.00	94	80.00	0	0.	0	0.
330	94	80.00	94	70.00	93	70.00	93	60.00	0	0.	0	0.
333	93	70.00	93	60.00	93	60.00	92	60.00	0	0.	0	0.
336	93	60.00	93	60.00	92	50.00	92	50.00	0	0.	0	0.
339	92	50.00	92	50.00	92	50.00	91	40.00	0	0.	0	0.
342	92	50.00	91	40.00	91	40.00	91	40.00	0	0.	0	0.
345	91	40.00	91	40.00	91	40.00	91	40.00	0	0.	0	0.
348	91	40.00	91	40.00	91	40.00	90	30.00	0	0.	0	0.
351	91	40.00	91	40.00	90	30.00	90	30.00	0	0.	0	0.
354	90	30.00	90	30.00	90	30.00	90	30.00	0	0.	0	0.
357	90	30.00	90	30.00	90	30.00	90	30.00	0	0.	0	0.
360	90	30.00	90	30.00	90	30.00	89	20.00	0	0.	0	0.
AVERAGE SHIELDING		36.08		32.00		28.83		24.58		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		91		91		91		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 33

SHIELDING OF TARGET AT POSITION C
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	0	100.00	92	90.00	90	30.00	90	30.00	0	0.	0	0.
5	0	100.00	0	100.00	91	50.00	90	30.00	0	0.	0	0.
7	0	100.00	0	100.00	90	40.00	90	30.00	0	0.	0	0.
10	0	100.00	92	90.00	90	30.00	90	30.00	0	0.	0	0.
12	0	100.00	0	100.00	90	30.00	90	30.00	0	0.	0	0.
15	0	100.00	0	100.00	90	30.00	90	30.00	0	0.	0	0.
18	0	100.00	0	100.00	90	30.00	90	30.00	0	0.	0	0.
20	0	100.00	0	100.00	90	30.00	90	30.00	0	0.	0	0.
23	0	100.00	0	100.00	90	30.00	89	30.00	0	0.	0	0.
25	0	100.00	90	30.00	90	30.00	89	30.00	0	0.	0	0.
28	90	30.00	90	30.00	89	30.00	89	20.00	0	0.	0	0.
31	90	30.00	90	30.00	89	30.00	89	20.00	0	0.	0	0.
33	90	40.00	90	30.00	90	30.00	89	30.00	0	0.	0	0.
36	91	50.00	90	40.00	90	40.00	90	40.00	0	0.	0	0.
38	91	50.00	91	50.00	91	50.00	90	40.00	0	0.	0	0.
41	92	60.00	92	60.00	92	60.00	91	50.00	0	0.	0	0.
43	93	70.00	92	70.00	92	70.00	92	60.00	0	0.	0	0.
46	93	80.00	93	80.00	92	70.00	92	70.00	0	0.	0	0.
48	93	80.00	92	70.00	92	70.00	92	60.00	0	0.	0	0.
51	92	80.00	92	70.00	92	70.00	91	60.00	0	0.	0	0.
54	92	70.00	92	70.00	92	60.00	91	60.00	0	0.	0	0.
56	92	70.00	92	70.00	92	60.00	91	60.00	0	0.	0	0.
59	92	80.00	92	70.00	92	60.00	91	60.00	0	0.	0	0.
61	93	90.00	93	90.00	92	80.00	92	70.00	0	0.	0	0.
64	0	100.00	0	100.00	0	100.00	92	90.00	0	0.	0	0.
66	0	100.00	0	100.00	0	100.00	92	80.00	0	0.	0	0.
69	0	100.00	91	80.00	90	50.00	89	20.00	0	0.	0	0.
72	0	100.00	90	50.00	89	10.00	89	0.	0	0.	0	0.
74	89	20.00	89	0.	89	0.	88	0.	0	0.	0	0.
77	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
79	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
82	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
84	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
87	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.

TABLE 23 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
90	91	10.00	91	10.00	90	0.	90	0.	0	0.	0	0.
92	91	10.00	91	10.00	91	10.00	91	0.	0	0.	0	0.
95	91	10.00	91	10.00	91	10.00	91	0.	0	0.	0	0.
97	92	10.00	92	10.00	91	10.00	91	0.	0	0.	0	0.
100	92	10.00	92	10.00	92	10.00	91	0.	0	0.	0	0.
102	92	10.00	92	10.00	92	10.00	91	0.	0	0.	0	0.
105	92	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
108	92	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
110	92	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
113	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
115	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
118	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
120	92	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
123	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
126	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
128	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
131	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
133	93	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
136	93	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
138	93	10.00	92	0.	92	0.	92	0.	0	0.	0	0.
141	93	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
144	93	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
146	93	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
149	93	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
151	91	0.	89	0.	89	0.	89	0.	0	0.	0	0.
154	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
156	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
159	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
162	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
164	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
167	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
169	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
172	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
174	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
177	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
180	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
182	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
185	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
187	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
190	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
192	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
195	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
198	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
200	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
203	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
205	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
208	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
210	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
213	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
216	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
218	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
221	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
223	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
226	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
228	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
231	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
234	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
236	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
239	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
241	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
244	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
246	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
249	90	20.00	89	0.	89	0.	89	0.	0	0.	0	0.
252	90	30.00	90	0.	89	0.	89	0.	0	0.	0	0.
254	90	40.00	90	0.	89	0.	89	0.	0	0.	0	0.
257	91	50.00	90	10.00	89	0.	89	0.	0	0.	0	0.
259	91	60.00	90	40.00	89	0.	89	0.	0	0.	0	0.
262	91	60.00	90	30.00	89	10.00	89	0.	0	0.	0	0.

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
264	91	70.00	90	40.00	89	10.00	89	0.	0	0.	0	0.
267	92	90.00	91	60.00	90	30.00	89	10.00	0	0.	0	0.
270	92	90.00	91	70.00	90	40.00	89	10.00	0	0.	0	0.
272	92	90.00	91	60.00	90	20.00	89	10.00	0	0.	0	0.
275	91	80.00	91	60.00	90	30.00	89	10.00	0	0.	0	0.
277	91	60.00	90	40.00	90	20.00	89	10.00	0	0.	0	0.
280	91	50.00	90	30.00	89	20.00	89	10.00	0	0.	0	0.
282	90	40.00	90	30.00	89	20.00	89	0.	0	0.	0	0.
285	0	100.00	91	80.00	90	40.00	89	20.00	0	0.	0	0.
288	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
290	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
293	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
295	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
298	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
300	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
303	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	93	90.00	0	0.	0	0.
308	0	100.00	0	100.00	94	90.00	93	90.00	0	0.	0	0.
311	0	100.00	94	90.00	94	90.00	93	80.00	0	0.	0	0.
313	0	100.00	94	90.00	94	90.00	93	80.00	0	0.	0	0.
316	94	90.00	94	90.00	94	80.00	93	80.00	0	0.	0	0.
318	93	90.00	93	70.00	93	70.00	93	70.00	0	0.	0	0.
321	92	60.00	92	60.00	92	60.00	92	50.00	0	0.	0	0.
324	92	50.00	92	50.00	91	50.00	91	40.00	0	0.	0	0.
326	91	50.00	91	40.00	91	40.00	91	40.00	0	0.	0	0.
329	91	40.00	91	40.00	90	40.00	90	30.00	0	0.	0	0.
331	91	40.00	91	40.00	90	30.00	90	30.00	0	0.	0	0.
334	91	40.00	91	40.00	90	30.00	90	30.00	0	0.	0	0.
336	91	40.00	91	40.00	90	30.00	90	30.00	0	0.	0	0.
339	91	60.00	91	40.00	90	30.00	90	30.00	0	0.	0	0.
342	91	50.00	91	40.00	90	30.00	90	30.00	0	0.	0	0.
344	92	70.00	91	40.00	91	40.00	90	30.00	0	0.	0	0.
347	92	80.00	91	40.00	90	30.00	90	30.00	0	0.	0	0.
349	92	70.00	91	40.00	90	30.00	90	30.00	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
352	92	80.00	91	40.00	90	30.00	90	30.00	0	0.	0	0.
354	92	80.00	91	40.00	90	30.00	90	30.00	0	0.	0	0.
357	92	90.00	91	50.00	90	30.00	90	30.00	0	0.	0	0.
360	0	100.00	91	60.00	90	30.00	90	30.00	0	0.	0	0.
AVERAGE SHIELDING		41.21		34.21		24.86		21.29		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		91		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 33

SHIELDING OF TARGET AT POSITION C
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	92	90.00	91	80.00	91	50.00	90	30.00	0	0.	0	0.
4	0	100.00	0	100.00	91	70.00	90	40.00	0	0.	0	0.
6	0	100.00	0	100.00	92	90.00	91	60.00	0	0.	0	0.
9	0	100.00	0	100.00	92	90.00	91	60.00	0	0.	0	0.
11	0	100.00	0	100.00	0	100.00	91	70.00	0	0.	0	0.
13	0	100.00	0	100.00	0	100.00	91	90.00	0	0.	0	0.
15	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
20	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
22	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
24	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
27	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
29	0	100.00	0	100.00	0	100.00	91	90.00	0	0.	0	0.
31	0	100.00	0	100.00	0	100.00	91	70.00	0	0.	0	0.
33	0	100.00	0	100.00	0	100.00	91	80.00	0	0.	0	0.
36	0	100.00	0	100.00	91	90.00	90	40.00	0	0.	0	0.
38	0	100.00	91	80.00	90	40.00	90	30.00	0	0.	0	0.
40	90	40.00	90	40.00	90	30.00	89	30.00	0	0.	0	0.
42	90	40.00	90	40.00	90	40.00	90	30.00	0	0.	0	0.
45	91	50.00	91	50.00	90	40.00	90	40.00	0	0.	0	0.
47	91	60.00	91	50.00	91	50.00	91	50.00	0	0.	0	0.
49	92	70.00	92	60.00	91	60.00	91	60.00	0	0.	0	0.
51	92	70.00	92	70.00	92	70.00	91	60.00	0	0.	0	0.
54	92	70.00	92	70.00	91	60.00	91	60.00	0	0.	0	0.
56	92	60.00	91	60.00	91	50.00	91	50.00	0	0.	0	0.
58	91	60.00	91	60.00	91	50.00	91	50.00	0	0.	0	0.
60	91	60.00	91	60.00	91	60.00	91	50.00	0	0.	0	0.
63	92	70.00	92	70.00	91	60.00	91	50.00	0	0.	0	0.
65	92	80.00	92	70.00	91	60.00	91	60.00	0	0.	0	0.
67	0	100.00	0	100.00	0	100.00	92	90.00	0	0.	0	0.
69	0	100.00	0	100.00	0	100.00	91	70.00	0	0.	0	0.
72	0	100.00	91	90.00	90	60.00	90	30.00	0	0.	0	0.
74	90	60.00	90	40.00	89	10.00	89	0.	0	0.	0	0.
76	89	10.00	89	0.	89	0.	89	0.	0	0.	0	0.

TABLE 33 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
78	90	20.00	90	0.	89	0.	89	0.	0	0.	0	0.
81	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
83	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
85	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
87	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
90	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
92	91	10.00	91	10.00	91	0.	90	0.	0	0.	0	0.
94	91	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
96	92	10.00	91	10.00	91	10.00	91	10.00	0	0.	0	0.
99	92	10.00	92	10.00	91	10.00	91	0.	0	0.	0	0.
101	92	10.00	92	10.00	92	10.00	91	0.	0	0.	0	0.
103	92	10.00	92	10.00	92	10.00	91	0.	0	0.	0	0.
105	92	10.00	92	10.00	92	0.	91	0.	0	0.	0	0.
108	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
110	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
112	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
114	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
117	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
119	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
121	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
123	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
126	92	10.00	92	0.	92	0.	92	0.	0	0.	0	0.
128	92	10.00	92	0.	92	0.	92	0.	0	0.	0	0.
130	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
132	92	10.00	92	0.	92	0.	92	0.	0	0.	0	0.
135	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
137	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
139	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
141	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
144	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
146	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
148	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
150	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
153	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.

TABLE 23 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
155	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
157	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
159	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
162	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
164	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
166	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
168	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
171	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
173	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
175	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
177	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
180	89	20.00	89	0.	89	0.	88	0.	0	0.	0	0.
182	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
184	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
186	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
189	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
191	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
193	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
195	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
198	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
200	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
202	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
204	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
207	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
209	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
211	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
213	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
216	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
218	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
220	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
222	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
225	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
227	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
229	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
231	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
234	90	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
236	90	30.00	90	0.	90	0.	89	0.	0	0.	0	0.
238	90	30.00	90	0.	89	0.	89	0.	0	0.	0	0.
240	90	10.00	90	0.	89	0.	89	0.	0	0.	0	0.
243	90	40.00	90	20.00	89	0.	89	0.	0	0.	0	0.
245	90	40.00	90	20.00	89	0.	89	0.	0	0.	0	0.
247	90	40.00	90	20.00	89	0.	89	0.	0	0.	0	0.
249	90	40.00	90	20.00	89	0.	89	0.	0	0.	0	0.
252	91	50.00	90	30.00	90	0.	89	0.	0	0.	0	0.
254	91	60.00	90	40.00	90	10.00	89	0.	0	0.	0	0.
256	91	60.00	90	40.00	90	20.00	89	0.	0	0.	0	0.
258	91	70.00	91	50.00	90	30.00	89	0.	0	0.	0	0.
261	91	70.00	91	60.00	90	30.00	90	10.00	0	0.	0	0.
263	92	80.00	91	60.00	90	40.00	90	20.00	0	0.	0	0.
265	92	80.00	91	70.00	91	50.00	90	30.00	0	0.	0	0.
267	0	100.00	92	90.00	91	70.00	90	40.00	0	0.	0	0.
270	0	100.00	92	80.00	91	60.00	91	50.00	0	0.	0	0.
272	92	90.00	91	80.00	91	50.00	90	30.00	0	0.	0	0.
274	92	90.00	91	70.00	91	50.00	90	30.00	0	0.	0	0.
276	91	70.00	91	60.00	90	40.00	90	20.00	0	0.	0	0.
279	91	50.00	90	40.00	90	30.00	90	20.00	0	0.	0	0.
281	90	40.00	90	30.00	89	20.00	89	10.00	0	0.	0	0.
283	0	100.00	91	80.00	90	40.00	90	30.00	0	0.	0	0.
285	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
288	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
290	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
292	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
294	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
297	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
299	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
301	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
303	0	100.00	0	100.00	0	100.00	93	90.00	0	0.	0	0.
306	0	100.00	0	100.00	93	90.00	93	90.00	0	0.	0	0.

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TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
308	0	100.00	94	90.00	94	90.00	93	90.00	0	0.	0	0.
310	94	90.00	93	80.00	93	80.00	93	80.00	0	0.	0	0.
312	92	70.00	92	70.00	92	60.00	92	60.00	0	0.	0	0.
315	92	50.00	91	50.00	91	50.00	91	50.00	0	0.	0	0.
317	91	50.00	91	40.00	91	40.00	90	40.00	0	0.	0	0.
319	91	40.00	90	40.00	90	30.00	90	30.00	0	0.	0	0.
321	90	40.00	90	40.00	90	30.00	90	30.00	0	0.	0	0.
324	91	40.00	91	40.00	90	40.00	90	30.00	0	0.	0	0.
326	91	50.00	91	40.00	90	40.00	90	30.00	0	0.	0	0.
328	92	80.00	91	40.00	91	40.00	90	30.00	0	0.	0	0.
330	0	100.00	91	60.00	91	40.00	90	40.00	0	0.	0	0.
333	92	90.00	91	60.00	91	40.00	90	40.00	0	0.	0	0.
335	92	70.00	91	40.00	91	40.00	90	40.00	0	0.	0	0.
337	91	60.00	91	40.00	91	40.00	90	30.00	0	0.	0	0.
339	91	50.00	91	40.00	91	40.00	90	30.00	0	0.	0	0.
342	91	40.00	91	40.00	91	40.00	90	30.00	0	0.	0	0.
344	91	50.00	91	40.00	91	40.00	90	30.00	0	0.	0	0.
346	91	50.00	91	40.00	91	40.00	90	30.00	0	0.	0	0.
348	91	50.00	91	40.00	90	30.00	90	30.00	0	0.	0	0.
351	91	60.00	91	50.00	91	40.00	90	30.00	0	0.	0	0.
353	91	70.00	91	50.00	90	30.00	90	30.00	0	0.	0	0.
355	91	70.00	91	60.00	90	30.00	90	30.00	0	0.	0	0.
357	91	70.00	91	50.00	90	30.00	90	30.00	0	0.	0	0.
360	91	70.00	91	50.00	90	30.00	90	30.00	0	0.	0	0.
AVERAGE SHIELDING		44.37		37.50		31.31		26.50		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		90		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 8

SHIELDING OF TARGET AT POSITION D
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
18	87	0.	86	0.	85	0.	84	0.	0	0.	0	0.
36	88	0.	87	0.	86	0.	84	0.	0	0.	0	0.
54	89	0.	88	0.	87	0.	85	0.	0	0.	0	0.
72	90	0.	89	0.	88	0.	86	0.	0	0.	0	0.
90	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
108	92	0.	91	0.	90	0.	88	0.	0	0.	0	0.
126	93	0.	92	0.	91	0.	89	0.	0	0.	0	0.
144	94	0.	93	0.	91	0.	90	0.	0	0.	0	0.
162	94	0.	93	0.	91	0.	90	0.	0	0.	0	0.
180	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
198	92	0.	91	0.	90	0.	89	0.	0	0.	0	0.
216	91	0.	90	0.	89	0.	88	0.	0	0.	0	0.
234	90	0.	90	0.	88	0.	87	0.	0	0.	0	0.
252	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
270	90	0.	90	0.	88	0.	87	0.	0	0.	0	0.
288	90	0.	89	0.	87	0.	86	0.	0	0.	0	0.
306	90	0.	89	0.	87	0.	86	0.	0	0.	0	0.
324	89	0.	88	0.	87	0.	85	0.	0	0.	0	0.
342	87	0.	86	0.	85	0.	84	0.	0	0.	0	0.
360	87	0.	86	0.	85	0.	83	0.	0	0.	0	0.
AVERAGE SHIELDING		0.		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		89		88		87		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE NO. 1

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TABLE 3

SHIELDING OF TARGET AT POSITION D

RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
9	0	100.00	93	70.00	90	40.00	87	10.00	0	0.	0	0.
18	0	100.00	91	50.00	88	20.00	86	0.	0	0.	0	0.
27	92	60.00	87	10.00	86	0.	85	0.	0	0.	0	0.
36	87	10.00	87	0.	86	0.	85	0.	0	0.	0	0.
45	87	0.	87	0.	86	0.	85	0.	0	0.	0	0.
54	88	0.	88	0.	87	0.	86	0.	0	0.	0	0.
63	89	0.	89	0.	88	0.	87	0.	0	0.	0	0.
72	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
81	91	10.00	91	0.	90	0.	89	0.	0	0.	0	0.
90	92	0.	91	0.	90	0.	90	0.	0	0.	0	0.
99	92	10.00	92	0.	91	0.	91	0.	0	0.	0	0.
108	93	10.00	93	0.	92	0.	91	0.	0	0.	0	0.
117	93	10.00	93	0.	92	0.	92	0.	0	0.	0	0.
126	94	10.00	93	0.	93	0.	92	0.	0	0.	0	0.
135	94	10.00	94	0.	93	0.	93	0.	0	0.	0	0.
144	96	20.00	94	10.00	94	0.	93	0.	0	0.	0	0.
153	95	10.00	94	10.00	94	0.	93	0.	0	0.	0	0.
162	95	10.00	94	0.	93	0.	93	0.	0	0.	0	0.
171	94	0.	94	0.	93	0.	92	0.	0	0.	0	0.
180	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
189	93	0.	92	0.	92	0.	91	0.	0	0.	0	0.
198	92	0.	92	0.	91	0.	90	0.	0	0.	0	0.
207	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
216	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
225	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
234	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
243	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
252	90	0.	89	0.	89	0.	88	0.	0	0.	0	0.
261	90	0.	89	0.	89	0.	88	0.	0	0.	0	0.
270	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
279	89	0.	89	0.	88	0.	87	0.	0	0.	0	0.
288	89	0.	89	0.	88	0.	87	0.	0	0.	0	0.
297	88	0.	88	0.	87	0.	86	0.	0	0.	0	0.
306	88	0.	87	0.	87	0.	86	0.	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
315	88	0.	87	0.	86	0.	86	0.	0	0.	0	0.
324	87	0.	87	0.	86	0.	86	0.	0	0.	0	0.
333	87	30.00	87	0.	86	0.	86	0.	0	0.	0	0.
342	95	90.00	91	50.00	87	10.00	87	0.	0	0.	0	0.
351	0	100.00	93	70.00	90	40.00	87	0.	0	0.	0	0.
360	0	100.00	95	90.00	91	50.00	88	20.00	0	0.	0	0.
AVERAGE SHIELDING		17.25		9.00		4.00		0.75		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		91		90		89		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 3X

SHIELDING OF TARGET AT POSITION D

RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
6	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
12	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
24	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
30	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	94	80.00	0	0.	0	0.
42	0	100.00	94	90.00	92	60.00	90	40.00	0	0.	0	0.
48	92	60.00	90	40.00	89	20.00	88	0.	0	0.	0	0.
54	90	40.00	88	10.00	88	0.	87	0.	0	0.	0	0.
60	89	0.	88	0.	88	0.	87	0.	0	0.	0	0.
66	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
72	90	0.	89	0.	89	0.	88	0.	0	0.	0	0.
78	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
84	92	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
90	92	10.00	92	10.00	91	0.	91	0.	0	0.	0	0.
96	93	10.00	92	10.00	92	0.	91	0.	0	0.	0	0.
102	93	10.00	93	10.00	92	0.	92	0.	0	0.	0	0.
108	93	10.00	93	10.00	92	0.	92	0.	0	0.	0	0.
114	93	10.00	93	0.	93	0.	92	0.	0	0.	0	0.
120	94	10.00	93	10.00	93	0.	92	0.	0	0.	0	0.
126	94	10.00	94	0.	93	0.	93	0.	0	0.	0	0.
132	94	10.00	94	0.	93	0.	93	0.	0	0.	0	0.
138	94	10.00	94	0.	93	0.	93	0.	0	0.	0	0.
144	94	10.00	94	0.	93	0.	93	0.	0	0.	0	0.
150	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
156	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
162	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
168	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
174	94	0.	93	0.	93	0.	92	0.	0	0.	0	0.
180	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
186	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
192	93	0.	92	0.	92	0.	91	0.	0	0.	0	0.
198	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
204	93	20.00	92	0.	91	0.	91	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
210	92	20.00	91	0.	91	0.	90	0.	0	0.	0	0.
216	91	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
222	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
228	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
234	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
240	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
246	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
252	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
258	90	0.	89	0.	89	0.	88	0.	0	0.	0	0.
264	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
270	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
276	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
282	89	0.	88	0.	88	0.	88	0.	0	0.	0	0.
288	89	0.	88	0.	88	0.	87	0.	0	0.	0	0.
294	88	0.	88	0.	88	0.	87	0.	0	0.	0	0.
300	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
306	89	30.00	88	0.	88	0.	87	0.	0	0.	0	0.
312	0	100.00	0	100.00	91	50.00	89	20.00	0	0.	0	0.
318	0	100.00	0	100.00	0	100.00	93	70.00	0	0.	0	0.
324	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
330	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
336	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
342	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
348	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
354	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
360	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
AVERAGE SHIELDING		31.50		28.17		25.50		23.50		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		91		91		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 8
SHIELDING OF TARGET AT POSITION D
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
4	0	100.00	96	90.00	95	80.00	94	80.00	0	0.	0	0.
9	0	100.00	95	90.00	95	80.00	94	80.00	0	0.	0	0.
13	96	90.00	95	90.00	95	80.00	94	80.00	0	0.	0	0.
18	0	100.00	95	90.00	95	90.00	94	80.00	0	0.	0	0.
22	0	100.00	0	100.00	95	90.00	94	80.00	0	0.	0	0.
27	0	100.00	0	100.00	0	100.00	95	90.00	0	0.	0	0.
31	0	100.00	0	100.00	0	100.00	95	90.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
40	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
45	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
49	0	100.00	0	100.00	94	90.00	93	70.00	0	0.	0	0.
54	0	100.00	93	90.00	92	70.00	91	50.00	0	0.	0	0.
58	91	50.00	90	40.00	89	10.00	88	0.	0	0.	0	0.
63	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
67	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
72	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
76	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
81	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
85	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
90	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
94	92	10.00	92	0.	91	0.	91	0.	0	0.	0	0.
99	92	10.00	92	0.	92	0.	92	0.	0	0.	0	0.
103	93	10.00	93	10.00	92	0.	92	0.	0	0.	0	0.
108	93	10.00	93	0.	92	0.	92	0.	0	0.	0	0.
112	93	10.00	93	0.	93	0.	92	0.	0	0.	0	0.
117	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
121	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
126	94	0.	93	0.	93	0.	93	0.	0	0.	0	0.
130	94	0.	93	0.	93	0.	93	0.	0	0.	0	0.
135	94	0.	93	0.	93	0.	93	0.	0	0.	0	0.
139	94	0.	93	0.	93	0.	93	0.	0	0.	0	0.
144	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
148	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
153	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
157	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
162	94	0.	93	0.	93	0.	93	0.	0	0.	0	0.
166	94	0.	93	0.	93	0.	93	0.	0	0.	0	0.
171	94	0.	93	0.	93	0.	93	0.	0	0.	0	0.
175	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
180	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
184	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
189	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
193	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
198	92	10.00	92	0.	92	0.	92	0.	0	0.	0	0.
202	93	20.00	92	10.00	92	0.	91	0.	0	0.	0	0.
207	93	30.00	92	20.00	92	10.00	91	0.	0	0.	0	0.
211	93	30.00	92	20.00	92	10.00	91	0.	0	0.	0	0.
216	93	40.00	93	30.00	91	10.00	91	0.	0	0.	0	0.
220	94	50.00	93	30.00	91	10.00	91	0.	0	0.	0	0.
225	94	60.00	93	40.00	91	10.00	91	0.	0	0.	0	0.
229	94	70.00	92	40.00	91	0.	90	0.	0	0.	0	0.
234	95	90.00	94	70.00	91	20.00	90	0.	0	0.	0	0.
238	91	30.00	90	0.	90	0.	90	0.	0	0.	0	0.
243	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
247	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
252	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
256	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
261	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
265	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
270	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
274	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
279	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
283	89	0.	88	0.	88	0.	88	0.	0	0.	0	0.
288	89	0.	88	0.	88	0.	88	0.	0	0.	0	0.
292	88	0.	88	0.	88	0.	87	0.	0	0.	0	0.
297	91	70.00	89	30.00	88	0.	88	0.	0	0.	0	0.
301	0	100.00	0	100.00	93	90.00	91	50.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE 8a (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
310	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
315	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
319	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
324	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
328	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
333	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
337	0	100.00	0	100.00	0	100.00	95	90.00	0	0.	0	0.
342	0	100.00	0	100.00	96	90.00	95	80.00	0	0.	0	0.
346	0	100.00	0	100.00	95	90.00	95	80.00	0	0.	0	0.
351	0	100.00	96	90.00	95	90.00	95	80.00	0	0.	0	0.
355	0	100.00	96	90.00	95	90.00	95	80.00	0	0.	0	0.
360	0	100.00	96	90.00	95	80.00	94	80.00	0	0.	0	0.
AVERAGE SHIELDING		39.87		35.75		31.12		28.00		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		92		92		91		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 7
SHIELDING OF TARGET AT POSITION D
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	95	80.00	95	80.00	94	80.00	94	70.00	0	0.	0	0.
7	95	80.00	95	80.00	94	80.00	94	70.00	0	0.	0	0.
10	95	80.00	94	80.00	94	70.00	94	70.00	0	0.	0	0.
14	95	90.00	94	80.00	94	70.00	93	70.00	0	0.	0	0.
18	0	100.00	94	80.00	94	80.00	93	70.00	0	0.	0	0.
21	94	80.00	94	80.00	93	70.00	93	70.00	0	0.	0	0.
25	94	80.00	94	80.00	93	70.00	93	70.00	0	0.	0	0.
28	94	80.00	94	80.00	93	70.00	93	70.00	0	0.	0	0.
32	94	80.00	94	80.00	93	70.00	93	70.00	0	0.	0	0.
36	94	80.00	94	80.00	93	70.00	93	70.00	0	0.	0	0.
39	94	80.00	94	80.00	93	70.00	92	60.00	0	0.	0	0.
43	94	80.00	94	80.00	93	70.00	92	60.00	0	0.	0	0.
46	94	90.00	94	90.00	93	80.00	93	70.00	0	0.	0	0.
50	0	100.00	0	100.00	0	100.00	94	90.00	0	0.	0	0.
54	0	100.00	0	100.00	0	100.00	93	90.00	0	0.	0	0.
57	0	100.00	0	100.00	93	80.00	92	60.00	0	0.	0	0.
61	93	90.00	92	70.00	90	40.00	89	20.00	0	0.	0	0.
64	91	60.00	90	30.00	89	0.	88	0.	0	0.	0	0.
68	89	0.	88	0.	88	0.	88	0.	0	0.	0	0.
72	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
75	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
79	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
82	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
86	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
90	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
93	92	10.00	92	0.	91	0.	91	0.	0	0.	0	0.
97	92	10.00	92	0.	92	0.	92	0.	0	0.	0	0.
100	92	10.00	92	0.	92	0.	92	0.	0	0.	0	0.
104	93	10.00	92	0.	92	0.	92	0.	0	0.	0	0.
108	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
111	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
115	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
118	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
122	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.

TABLE 34 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
126	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
129	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
133	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
136	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
140	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
144	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
147	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
151	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
154	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
158	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
162	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
165	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
169	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
172	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
176	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
180	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
183	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
187	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
190	93	10.00	93	0.	92	0.	92	0.	0	0.	0	0.
194	93	10.00	93	0.	92	0.	92	0.	0	0.	0	0.
198	93	20.00	92	10.00	92	0.	92	0.	0	0.	0	0.
201	93	20.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
205	93	20.00	92	20.00	92	10.00	92	0.	0	0.	0	0.
208	92	20.00	92	20.00	92	10.00	91	0.	0	0.	0	0.
212	92	20.00	92	20.00	92	10.00	91	0.	0	0.	0	0.
216	92	20.00	92	20.00	91	10.00	91	0.	0	0.	0	0.
219	92	20.00	92	10.00	91	10.00	91	0.	0	0.	0	0.
223	92	20.00	91	10.00	91	0.	91	0.	0	0.	0	0.
226	91	20.00	91	10.00	91	0.	90	0.	0	0.	0	0.
230	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
234	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
237	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
241	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
244	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
248	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
252	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
255	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
259	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
262	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
266	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
270	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
273	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
277	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
280	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
284	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
288	88	0.	88	0.	88	0.	88	0.	0	0.	0	0.
291	0	100.00	91	60.00	89	10.00	88	0.	0	0.	0	0.
295	0	100.00	0	100.00	0	100.00	91	70.00	0	0.	0	0.
298	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
302	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
309	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
313	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
316	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
320	0	100.00	0	100.00	95	90.00	94	90.00	0	0.	0	0.
324	0	100.00	0	100.00	95	90.00	94	80.00	0	0.	0	0.
327	95	90.00	95	90.00	94	80.00	94	80.00	0	0.	0	0.
331	95	90.00	95	90.00	94	80.00	94	70.00	0	0.	0	0.
334	95	90.00	95	80.00	94	80.00	94	70.00	0	0.	0	0.
338	95	90.00	95	80.00	94	80.00	94	70.00	0	0.	0	0.
342	0	100.00	95	90.00	95	80.00	94	80.00	0	0.	0	0.
345	0	100.00	95	80.00	95	80.00	94	80.00	0	0.	0	0.
349	95	90.00	95	80.00	95	80.00	94	70.00	0	0.	0	0.
352	95	80.00	95	80.00	95	80.00	94	70.00	0	0.	0	0.
356	95	80.00	95	80.00	94	80.00	94	70.00	0	0.	0	0.
360	95	80.00	95	80.00	94	80.00	94	70.00	0	0.	0	0.
AVERAGE SHIELDING		36.70		33.70		30.20		27.20		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		92		92		92		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 34
SHIELDING OF TARGET AT POSITION D
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	90	40.00	90	40.00	90	30.00	89	30.00	0	0.	0	0.
6	90	40.00	90	40.00	89	30.00	89	30.00	0	0.	0	0.
9	90	40.00	90	40.00	90	30.00	89	30.00	0	0.	0	0.
12	90	40.00	90	40.00	90	40.00	89	30.00	0	0.	0	0.
15	91	40.00	90	40.00	90	40.00	90	40.00	0	0.	0	0.
18	91	50.00	91	40.00	90	40.00	90	40.00	0	0.	0	0.
21	91	50.00	91	50.00	91	40.00	90	40.00	0	0.	0	0.
24	92	60.00	91	50.00	91	50.00	91	50.00	0	0.	0	0.
27	92	60.00	92	60.00	92	60.00	91	50.00	0	0.	0	0.
30	93	70.00	93	70.00	92	60.00	92	60.00	0	0.	0	0.
33	93	70.00	93	70.00	93	70.00	92	60.00	0	0.	0	0.
36	93	80.00	93	70.00	93	70.00	92	60.00	0	0.	0	0.
39	93	70.00	93	70.00	92	60.00	92	60.00	0	0.	0	0.
42	93	70.00	92	60.00	92	60.00	91	50.00	0	0.	0	0.
45	92	60.00	92	60.00	92	60.00	91	50.00	0	0.	0	0.
48	93	70.00	92	60.00	92	60.00	91	50.00	0	0.	0	0.
51	93	80.00	92	70.00	92	70.00	92	60.00	0	0.	0	0.
54	93	80.00	92	70.00	92	70.00	92	60.00	0	0.	0	0.
57	0	100.00	0	100.00	93	80.00	92	70.00	0	0.	0	0.
60	0	100.00	0	100.00	0	100.00	93	90.00	0	0.	0	0.
63	0	100.00	0	100.00	0	100.00	92	80.00	0	0.	0	0.
66	0	100.00	92	90.00	91	60.00	90	30.00	0	0.	0	0.
69	0	100.00	91	70.00	89	20.00	89	0.	0	0.	0	0.
72	89	20.00	89	0.	89	0.	88	0.	0	0.	0	0.
75	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
78	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
81	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
84	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
87	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
90	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
93	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
96	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
99	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
102	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.

TABLE 3F (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
105	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
108	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
111	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
114	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
117	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
120	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
123	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
126	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
129	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
132	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
135	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
138	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
141	93	0.	93	0.	93	0.	92	0	0	0.	0	0.
144	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
147	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
150	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
153	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
156	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
159	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
162	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
165	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
168	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
171	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
174	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
177	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
180	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
183	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
186	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
189	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
192	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
195	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
198	92	10.00	92	0.	92	0.	92	0.	0	0.	0	0.
201	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
204	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.

TABLE 34 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
207	92	10.00	92	10.00	92	10.00	91	0.	0	0.	0	0.
210	92	20.00	92	10.00	92	10.00	91	0.	0	0.	0	0.
213	92	10.00	92	10.00	91	10.00	91	0.	0	0.	0	0.
216	92	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
219	91	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
222	91	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
225	91	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
228	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
231	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
234	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
237	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
240	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
243	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
246	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
249	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
252	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
255	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
258	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
261	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
264	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
267	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
270	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
273	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
276	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
279	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
282	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
285	89	10.00	89	0.	88	0.	88	0.	0	0.	0	0.
288	0	100.00	0	100.00	91	70.00	89	20.00	0	0.	0	0.
291	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
294	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
297	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
300	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
303	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

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TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
309	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
312	0	100.00	0	100.00	94	90.00	94	90.00	0	0.	0	0.
315	0	100.00	94	90.00	94	90.00	93	80.00	0	0.	0	0.
318	94	90.00	94	90.00	94	80.00	93	80.00	0	0.	0	0.
321	94	90.00	94	90.00	94	80.00	94	80.00	0	0.	0	0.
324	95	90.00	95	90.00	94	90.00	94	80.00	0	0.	0	0.
327	95	90.00	94	80.00	94	80.00	94	80.00	0	0.	0	0.
330	94	80.00	94	70.00	93	70.00	93	60.00	0	0.	0	0.
333	93	70.00	93	60.00	92	60.00	92	60.00	0	0.	0	0.
336	92	60.00	92	60.00	92	50.00	92	50.00	0	0.	0	0.
339	92	50.00	92	50.00	91	50.00	91	40.00	0	0.	0	0.
342	92	50.00	91	40.00	91	40.00	91	40.00	0	0.	0	0.
345	91	50.00	91	40.00	91	40.00	90	40.00	0	0.	0	0.
348	91	40.00	91	40.00	90	40.00	90	30.00	0	0.	0	0.
351	91	40.00	90	40.00	90	30.00	90	30.00	0	0.	0	0.
354	90	40.00	90	40.00	90	30.00	89	30.00	0	0.	0	0.
357	90	40.00	90	40.00	90	30.00	89	30.00	0	0.	0	0.
360	90	40.00	90	40.00	90	30.00	89	30.00	0	0.	0	0.
AVERAGE SHIELDING		30.58		28.25		25.67		23.08		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		91		91		91		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8
SHIELDING OF TARGET AT POSITION D
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	0	100.00	0	100.00	91	70.00	90	40.00	0	0.	0	0.
5	0	100.00	0	100.00	91	90.00	90	40.00	0	0.	0	0.
7	0	100.00	0	100.00	91	80.00	90	30.00	0	0.	0	0.
10	0	100.00	0	100.00	91	80.00	90	30.00	0	0.	0	0.
12	0	100.00	0	100.00	0	100.00	90	40.00	0	0.	0	0.
15	0	100.00	0	100.00	0	100.00	90	40.00	0	0.	0	0.
18	0	100.00	0	100.00	91	80.00	90	30.00	0	0.	0	0.
20	0	100.00	0	100.00	91	70.00	90	30.00	0	0.	0	0.
23	0	100.00	0	100.00	91	70.00	90	30.00	0	0.	0	0.
25	0	100.00	0	100.00	90	40.00	90	40.00	0	0.	0	0.
28	0	100.00	90	40.00	90	40.00	89	30.00	0	0.	0	0.
30	90	40.00	90	40.00	90	40.00	89	30.00	0	0.	0	0.
33	90	40.00	90	40.00	90	40.00	89	30.00	0	0.	0	0.
36	91	50.00	90	40.00	90	40.00	90	40.00	0	0.	0	0.
38	91	50.00	91	50.00	91	50.00	90	40.00	0	0.	0	0.
41	92	60.00	91	50.00	91	50.00	91	50.00	0	0.	0	0.
43	92	60.00	92	60.00	92	60.00	91	50.00	0	0.	0	0.
46	93	80.00	92	60.00	92	60.00	91	50.00	0	0.	0	0.
48	92	60.00	92	60.00	91	50.00	91	50.00	0	0.	0	0.
51	92	60.00	92	60.00	91	50.00	91	50.00	0	0.	0	0.
54	92	60.00	92	60.00	91	50.00	91	50.00	0	0.	0	0.
56	92	60.00	92	60.00	91	50.00	91	40.00	0	0.	0	0.
59	92	70.00	92	60.00	91	50.00	91	50.00	0	0.	0	0.
61	0	100.00	92	90.00	92	80.00	91	60.00	0	0.	0	0.
64	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
66	0	100.00	0	100.00	0	100.00	92	90.00	0	0.	0	0.
69	0	100.00	91	90.00	90	60.00	90	40.00	0	0.	0	0.
72	90	60.00	90	30.00	89	10.00	89	0.	0	0.	0	0.
74	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
77	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
79	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
82	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
84	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
87	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
90	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
92	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
95	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
97	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
100	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
102	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
105	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
108	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
110	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
113	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
115	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
118	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
120	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
123	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
126	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
128	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
131	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
133	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
136	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
138	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
141	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
144	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
146	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
149	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
151	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
154	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
156	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
159	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
162	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
164	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
167	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
169	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
172	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
174	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
177	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
180	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
182	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
185	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
187	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
190	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
192	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
195	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
198	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
200	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
203	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
205	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
208	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
210	92	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
213	91	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
216	91	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
218	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
221	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
223	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
226	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
228	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
231	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
234	91	30.00	90	0.	90	0.	90	0.	0	0.	0	0.
236	91	40.00	90	0.	90	0.	90	0.	0	0.	0	0.
239	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
241	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
244	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
246	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
249	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
252	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
254	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
257	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
259	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
262	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
264	89	10.00	89	0.	89	0.	89	0.	0	0.	0	0.
267	90	20.00	89	0.	89	0.	89	0.	0	0.	0	0.
270	90	50.00	89	10.00	89	0.	89	0.	0	0.	0	0.
272	90	20.00	89	10.00	89	0.	89	0.	0	0.	0	0.
275	91	60.00	89	20.00	89	0.	89	0.	0	0.	0	0.
277	90	40.00	89	20.00	89	0.	89	0.	0	0.	0	0.
280	90	40.00	89	20.00	89	0.	89	0.	0	0.	0	0.
282	90	40.00	89	20.00	89	0.	89	0.	0	0.	0	0.
285	0	100.00	0	100.00	0	100.00	91	80.00	0	0.	0	0.
288	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
290	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
293	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
295	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
298	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
300	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
303	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	93	90.00	0	0.	0	0.
308	0	100.00	94	90.00	93	90.00	93	80.00	0	0.	0	0.
311	94	90.00	94	90.00	93	80.00	93	80.00	0	0.	0	0.
313	0	100.00	94	90.00	94	90.00	93	80.00	0	0.	0	0.
316	94	90.00	94	90.00	93	80.00	93	80.00	0	0.	0	0.
318	93	70.00	93	70.00	93	70.00	92	60.00	0	0.	0	0.
321	92	60.00	92	60.00	92	60.00	92	50.00	0	0.	0	0.
324	92	50.00	91	50.00	91	50.00	91	40.00	0	0.	0	0.
326	91	50.00	91	40.00	91	40.00	90	40.00	0	0.	0	0.
329	91	40.00	91	40.00	90	40.00	90	30.00	0	0.	0	0.
331	91	40.00	91	40.00	90	40.00	90	30.00	0	0.	0	0.
334	91	40.00	91	40.00	90	40.00	90	30.00	0	0.	0	0.
336	92	90.00	91	40.00	90	40.00	90	30.00	0	0.	0	0.
339	92	90.00	91	40.00	90	40.00	90	30.00	0	0.	0	0.
342	92	80.00	91	40.00	90	40.00	90	30.00	0	0.	0	0.
344	0	100.00	91	50.00	90	40.00	90	30.00	0	0.	0	0.
347	0	100.00	91	50.00	90	40.00	90	30.00	0	0.	0	0.
349	0	100.00	91	60.00	90	40.00	90	30.00	0	0.	0	0.

TABLE 3F (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
352	0	100.00	91	70.00	90	40.00	90	30.00	0	0.	0	0.
354	0	100.00	0	100.00	90	40.00	90	40.00	0	0.	0	0.
357	0	100.00	0	100.00	91	50.00	90	40.00	0	0.	0	0.
360	0	100.00	0	100.00	91	80.00	90	40.00	0	0.	0	0.
AVERAGE SHIELDING		37.29		31.79		27.07		21.43		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		91		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE X

SHIELDING OF TARGET AT POSITION D
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	0	100.00	0	100.00	0	100.00	92	90.00	0	0.	0	0.
4	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
6	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
9	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
11	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
13	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
15	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
20	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
22	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
24	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
27	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
29	0	100.00	0	100.00	0	100.00	91	80.00	0	0.	0	0.
31	0	100.00	0	100.00	0	100.00	91	60.00	0	0.	0	0.
33	0	100.00	0	100.00	0	100.00	90	40.00	0	0.	0	0.
36	0	100.00	0	100.00	90	40.00	90	40.00	0	0.	0	0.
38	0	100.00	91	50.00	90	40.00	90	40.00	0	0.	0	0.
40	90	40.00	90	40.00	90	30.00	90	30.00	0	0.	0	0.
42	90	40.00	90	40.00	90	30.00	90	30.00	0	0.	0	0.
45	90	40.00	90	40.00	90	30.00	90	30.00	0	0.	0	0.
47	91	40.00	91	40.00	90	40.00	90	30.00	0	0.	0	0.
49	91	50.00	91	50.00	91	50.00	91	40.00	0	0.	0	0.
51	92	60.00	92	60.00	91	50.00	91	50.00	0	0.	0	0.
54	92	60.00	91	50.00	91	50.00	91	50.00	0	0.	0	0.
56	91	50.00	91	50.00	91	40.00	91	40.00	0	0.	0	0.
58	91	50.00	91	50.00	91	40.00	90	40.00	0	0.	0	0.
60	91	50.00	91	50.00	91	40.00	90	40.00	0	0.	0	0.
63	92	70.00	91	60.00	91	60.00	91	50.00	0	0.	0	0.
65	92	90.00	92	90.00	91	70.00	91	60.00	0	0.	0	0.
67	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
69	0	100.00	0	100.00	0	100.00	91	80.00	0	0.	0	0.
72	91	90.00	91	70.00	90	40.00	89	20.00	0	0.	0	0.
74	89	10.00	89	0.	89	0.	89	0.	0	0.	0	0.
76	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
78	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
81	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
83	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
85	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
87	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
90	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
92	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
94	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
96	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
99	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
101	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
103	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
105	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
108	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
110	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
112	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
114	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
117	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
119	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
121	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
123	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
126	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
128	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
130	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
132	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
135	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
137	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
139	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
141	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
144	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
146	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
148	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
150	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
153	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.

TABLE 3X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
155	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
157	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
159	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
162	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
164	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
166	89	20.00	89	0.	89	0.	88	0.	0	0.	0	0.
168	89	20.00	89	0.	89	0.	88	0.	0	0.	0	0.
171	89	20.00	89	0.	89	0.	88	0.	0	0.	0	0.
173	89	20.00	89	0.	89	0.	88	0.	0	0.	0	0.
175	89	20.00	89	0.	89	0.	88	0.	0	0.	0	0.
177	89	20.00	89	0.	89	0.	88	0.	0	0.	0	0.
180	89	20.00	89	0.	89	0.	88	0.	0	0.	0	0.
182	89	20.00	89	0.	89	0.	88	0.	0	0.	0	0.
184	89	20.00	89	0.	89	0.	88	0.	0	0.	0	0.
186	89	20.00	89	0.	89	0.	89	0.	0	0.	0	0.
189	89	20.00	89	0.	89	0.	88	0.	0	0.	0	0.
191	89	20.00	89	0.	89	0.	88	0.	0	0.	0	0.
193	89	20.00	89	0.	89	0.	88	0.	0	0.	0	0.
195	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
198	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
200	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
202	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
204	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
207	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
209	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
211	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
213	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
216	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
218	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
220	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
222	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
225	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
227	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
229	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.

TABLE 3K (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
231	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
234	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
236	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
238	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
240	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
243	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
245	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
247	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
249	90	20.00	89	0.	89	0.	89	0.	0	0.	0	0.
252	90	30.00	89	0.	89	0.	89	0.	0	0.	0	0.
254	90	40.00	90	0.	89	0.	89	0.	0	0.	0	0.
256	90	40.00	90	0.	89	0.	89	0.	0	0.	0	0.
258	91	60.00	90	20.00	89	0.	89	0.	0	0.	0	0.
261	91	70.00	90	40.00	89	0.	89	0.	0	0.	0	0.
263	91	70.00	90	30.00	89	10.00	89	0.	0	0.	0	0.
265	91	80.00	90	50.00	89	10.00	89	0.	0	0.	0	0.
267	0	100.00	91	70.00	90	30.00	89	10.00	0	0.	0	0.
270	0	100.00	91	80.00	90	40.00	89	10.00	0	0.	0	0.
272	0	100.00	91	70.00	90	30.00	89	10.00	0	0.	0	0.
274	91	90.00	91	70.00	90	30.00	89	10.00	0	0.	0	0.
276	91	70.00	90	50.00	90	30.00	89	10.00	0	0.	0	0.
279	91	60.00	90	40.00	89	20.00	89	10.00	0	0.	0	0.
281	90	50.00	90	30.00	89	20.00	89	10.00	0	0.	0	0.
283	0	100.00	91	90.00	90	50.00	90	30.00	0	0.	0	0.
285	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
288	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
290	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
292	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
294	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
297	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
299	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
301	0	100.00	0	100.00	0	100.00	93	90.00	0	0.	0	0.
303	0	100.00	0	100.00	93	90.00	93	90.00	0	0.	0	0.
306	0	100.00	93	90.00	93	90.00	93	80.00	0	0.	0	0.

TABLE 3F (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
308	0	100.00	94	90.00	93	90.00	93	80.00	0	0.	0	0.
310	93	80.00	93	80.00	93	80.00	93	70.00	0	0.	0	0.
312	92	70.00	92	60.00	92	60.00	92	60.00	0	0.	0	0.
315	91	50.00	91	50.00	91	50.00	91	40.00	0	0.	0	0.
317	91	50.00	91	40.00	91	40.00	90	40.00	0	0.	0	0.
319	91	40.00	90	40.00	90	40.00	90	30.00	0	0.	0	0.
321	91	40.00	90	40.00	90	40.00	90	30.00	0	0.	0	0.
324	91	60.00	91	40.00	90	40.00	90	30.00	0	0.	0	0.
326	0	100.00	91	40.00	91	40.00	90	30.00	0	0.	0	0.
328	92	90.00	91	40.00	91	40.00	90	30.00	0	0.	0	0.
330	91	60.00	91	40.00	91	40.00	90	40.00	0	0.	0	0.
333	91	70.00	91	40.00	91	40.00	90	40.00	0	0.	0	0.
335	91	60.00	91	40.00	91	40.00	90	40.00	0	0.	0	0.
337	91	60.00	91	40.00	91	40.00	90	40.00	0	0.	0	0.
339	91	70.00	91	50.00	91	40.00	90	30.00	0	0.	0	0.
342	91	70.00	91	50.00	91	40.00	90	40.00	0	0.	0	0.
344	91	70.00	91	50.00	90	40.00	90	40.00	0	0.	0	0.
346	91	70.00	91	50.00	90	40.00	90	40.00	0	0.	0	0.
348	91	70.00	91	60.00	90	40.00	90	40.00	0	0.	0	0.
351	92	80.00	91	60.00	90	40.00	90	40.00	0	0.	0	0.
353	91	80.00	91	60.00	90	40.00	90	40.00	0	0.	0	0.
355	0	100.00	92	90.00	91	60.00	90	40.00	0	0.	0	0.
357	0	100.00	0	100.00	91	80.00	91	50.00	0	0.	0	0.
360	0	100.00	0	100.00	0	100.00	91	80.00	0	0.	0	0.
AVERAGE SHIELDING		42.62		34.50		30.00		26.50		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 35

SHIELDING OF TARGET AT POSITION E
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
18	87	0.	86	0.	85	0.	84	0.	0	0.	0	0.
36	89	0.	88	0.	86	0.	85	0.	0	0.	0	0.
54	90	0.	90	0.	88	0.	87	0.	0	0.	0	0.
72	92	0.	91	0.	90	0.	89	0.	0	0.	0	0.
90	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
108	95	0.	94	0.	93	0.	91	0.	0	0.	0	0.
126	96	0.	95	0.	93	0.	92	0.	0	0.	0	0.
144	96	0.	95	0.	94	0.	92	0.	0	0.	0	0.
162	96	0.	95	0.	94	0.	92	0.	0	0.	0	0.
180	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
198	94	0.	93	0.	92	0.	90	0.	0	0.	0	0.
216	93	0.	92	0.	91	0.	89	0.	0	0.	0	0.
234	92	0.	91	0.	89	0.	88	0.	0	0.	0	0.
252	91	0.	90	0.	89	0.	88	0.	0	0.	0	0.
270	90	0.	89	0.	88	0.	87	0.	0	0.	0	0.
288	89	0.	89	0.	87	0.	86	0.	0	0.	0	0.
306	89	0.	88	0.	87	0.	85	0.	0	0.	0	0.
324	86	0.	87	0.	86	0.	84	0.	0	0.	0	0.
342	87	0.	86	0.	85	0.	83	0.	0	0.	0	0.
360	86	0.	85	0.	84	0.	83	0.	0	0.	0	0.
AVERAGE SHIELDING		0.		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		90		89		87		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE NO. 1

TABLE 35

SHIELDING OF TARGET AT POSITION E
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
9	94	80.00	92	60.00	89	30.00	87	10.00	0	0.	0	0.
18	92	50.00	89	30.00	87	10.00	86	0.	0	0.	0	0.
27	90	30.00	87	10.00	87	0.	86	0.	0	0.	0	0.
36	87	0.	87	0.	86	0.	86	0.	0	0.	0	0.
45	88	0.	87	0.	87	0.	86	0.	0	0.	0	0.
54	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
63	90	0.	89	0.	89	0.	88	0.	0	0.	0	0.
72	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
81	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
90	93	0.	93	0.	92	0.	91	0.	0	0.	0	0.
99	94	0.	93	0.	93	0.	92	0.	0	0.	0	0.
108	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
117	95	0.	94	0.	94	0.	93	0.	0	0.	0	0.
126	95	0.	95	0.	94	0.	93	0.	0	0.	0	0.
135	95	0.	95	0.	94	0.	93	0.	0	0.	0	0.
144	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.
153	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.
162	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.
171	95	0.	95	0.	94	0.	93	0.	0	0.	0	0.
180	95	0.	95	0.	94	0.	93	0.	0	0.	0	0.
189	95	0.	94	0.	93	0.	93	0.	0	0.	0	0.
198	94	0.	93	0.	93	0.	92	0.	0	0.	0	0.
207	93	0.	93	0.	92	0.	91	0.	0	0.	0	0.
216	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
225	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
234	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
243	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
252	90	0.	89	0.	89	0.	88	0.	0	0.	0	0.
261	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
270	90	0.	89	0.	89	0.	88	0.	0	0.	0	0.
279	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
288	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
297	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
306	88	0.	87	0.	86	0.	86	0.	0	0.	0	0.

TABLE ~~X~~ 35 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
315	87	0.	87	0.	86	0.	85	0.	0	0.	0	0.
324	87	0.	86	0.	86	0.	85	0.	0	0.	0	0.
333	91	50.00	87	10.00	86	0.	85	0.	0	0.	0	0.
342	0	100.00	92	60.00	88	20.00	86	0.	0	0.	0	0.
351	0	100.00	94	80.00	91	50.00	87	20.00	0	0.	0	0.
360	0	100.00	0	100.00	93	70.00	88	30.00	0	0.	0	0.
AVERAGE SHIELDING		12.75		8.75		4.50		1.50		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		91		90		89		0		0

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 35
SHIELDING OF TARGET AT POSITION E
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
6	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
12	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
24	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
30	0	100.00	0	100.00	95	90.00	93	70.00	0	0.	0	0.
36	0	100.00	0	100.00	95	90.00	93	70.00	0	0.	0	0.
42	94	90.00	93	70.00	91	50.00	89	20.00	0	0.	0	0.
48	90	30.00	89	20.00	88	0.	88	0.	0	0.	0	0.
54	88	0.	88	0.	88	0.	87	0.	0	0.	0	0.
60	89	0.	88	0.	88	0.	87	0.	0	0.	0	0.
66	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
72	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
78	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
84	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
90	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
96	93	0.	92	0.	92	0.	91	0.	0	0.	0	0.
102	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
108	94	0.	93	0.	93	0.	92	0.	0	0.	0	0.
114	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
120	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
126	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
132	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
138	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
144	95	0.	94	0.	94	0.	93	0.	0	0.	0	0.
150	95	0.	94	0.	94	0.	93	0.	0	0.	0	0.
156	95	0.	94	0.	94	0.	93	0.	0	0.	0	0.
162	95	0.	94	0.	94	0.	93	0.	0	0.	0	0.
168	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
174	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
180	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
186	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
192	94	0.	93	0.	93	0.	92	0.	0	0.	0	0.
198	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
204	93	0.	92	0.	92	0.	91	0.	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
210	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
216	92	0.	91	0.	91	0.	90	0.	0	0.	0	0.
222	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
228	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
234	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
240	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
246	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
252	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
258	90	0.	89	0.	89	0.	88	0.	0	0.	0	0.
264	90	0.	89	0.	89	0.	88	0.	0	0.	0	0.
270	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
276	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
282	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
288	88	0.	88	0.	88	0.	87	0.	0	0.	0	0.
294	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
300	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
306	89	20.00	88	0.	87	0.	87	0.	0	0.	0	0.
312	0	100.00	0	100.00	91	50.00	89	20.00	0	0.	0	0.
318	0	100.00	0	100.00	0	100.00	92	70.00	0	0.	0	0.
324	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
330	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
336	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
342	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
348	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
354	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
360	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
AVERAGE SHIELDING		27.33		26.50		24.67		22.50		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		91		91		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 35

SHIELDING OF TARGET AT POSITION E

RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
4	95	90.00	95	90.00	94	80.00	94	80.00	0	0.	0	0.
9	95	90.00	95	80.00	94	80.00	94	70.00	0	0.	0	0.
13	95	90.00	95	80.00	94	80.00	94	70.00	0	0.	0	0.
18	95	90.00	95	80.00	94	70.00	94	70.00	0	0.	0	0.
22	95	90.00	95	80.00	94	80.00	94	70.00	0	0.	0	0.
27	95	90.00	95	90.00	94	80.00	94	70.00	0	0.	0	0.
31	0	100.00	95	90.00	94	80.00	94	70.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	95	90.00	0	0.	0	0.
40	0	100.00	0	100.00	0	100.00	95	90.00	0	0.	0	0.
45	0	100.00	0	100.00	0	100.00	94	80.00	0	0.	0	0.
49	0	100.00	0	100.00	93	70.00	91	50.00	0	0.	0	0.
54	0	100.00	93	80.00	91	50.00	89	20.00	0	0.	0	0.
58	91	50.00	90	30.00	88	0.	88	0.	0	0.	0	0.
63	88	0.	88	0.	88	0.	87	0.	0	0.	0	0.
67	89	0.	88	0.	88	0.	88	0.	0	0.	0	0.
72	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
76	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
81	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
85	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
90	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
94	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
99	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
103	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
108	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
112	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
117	94	0.	93	0.	93	0.	93	0.	0	0.	0	0.
121	94	0.	93	0.	93	0.	93	0.	0	0.	0	0.
126	94	0.	93	0.	93	0.	93	0.	0	0.	0	0.
130	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
135	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
139	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
144	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
148	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
153	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
157	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
162	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
166	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
171	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
175	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
180	94	0.	93	0.	93	0.	93	0.	0	0.	0	0.
184	94	0.	93	0.	93	0.	93	0.	0	0.	0	0.
189	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
193	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
198	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
202	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
207	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
211	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
216	92	10.00	92	0.	91	0.	91	0.	0	0.	0	0.
220	92	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
225	92	30.00	91	10.00	91	0.	91	0.	0	0.	0	0.
229	92	30.00	91	10.00	91	0.	90	0.	0	0.	0	0.
234	91	20.00	91	0.	90	0.	90	0.	0	0.	0	0.
238	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
243	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
247	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
252	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
256	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
261	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
265	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
270	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
274	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
279	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
283	89	0.	88	0.	88	0.	88	0.	0	0.	0	0.
288	89	0.	88	0.	88	0.	88	0.	0	0.	0	0.
292	88	0.	88	0.	88	0.	87	0.	0	0.	0	0.
297	90	50.00	88	10.00	88	0.	88	0.	0	0.	0	0.
301	0	100.00	0	100.00	92	80.00	90	50.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE 35 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
310	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
315	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
319	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
324	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
328	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
333	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
337	0	100.00	0	100.00	0	100.00	95	90.00	0	0.	0	0.
342	0	100.00	0	100.00	95	90.00	95	90.00	0	0.	0	0.
346	0	100.00	0	100.00	95	90.00	94	80.00	0	0.	0	0.
351	0	100.00	0	100.00	95	90.00	94	80.00	0	0.	0	0.
355	0	100.00	95	90.00	95	90.00	94	80.00	0	0.	0	0.
360	0	100.00	95	90.00	95	90.00	94	80.00	0	0.	0	0.
AVERAGE SHIELDING		34.25		31.37		28.75		26.00		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		92		92		91		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

AD-A040 173 ARMY ENGINEER WATERWAYS EXPERIMENT STATION VICKSBURG MISS F/G 18/6
ANALYTICAL STUDY OF GROUND-SURFACE SHIELDING CHARACTERISTICS OF--ETC(U)
JUN 74 H W WEST, P L DOIRON, J A PARKS

UNCLASSIFIED WES-TR-M-74-4-VOL-2 NL

10 OF 21
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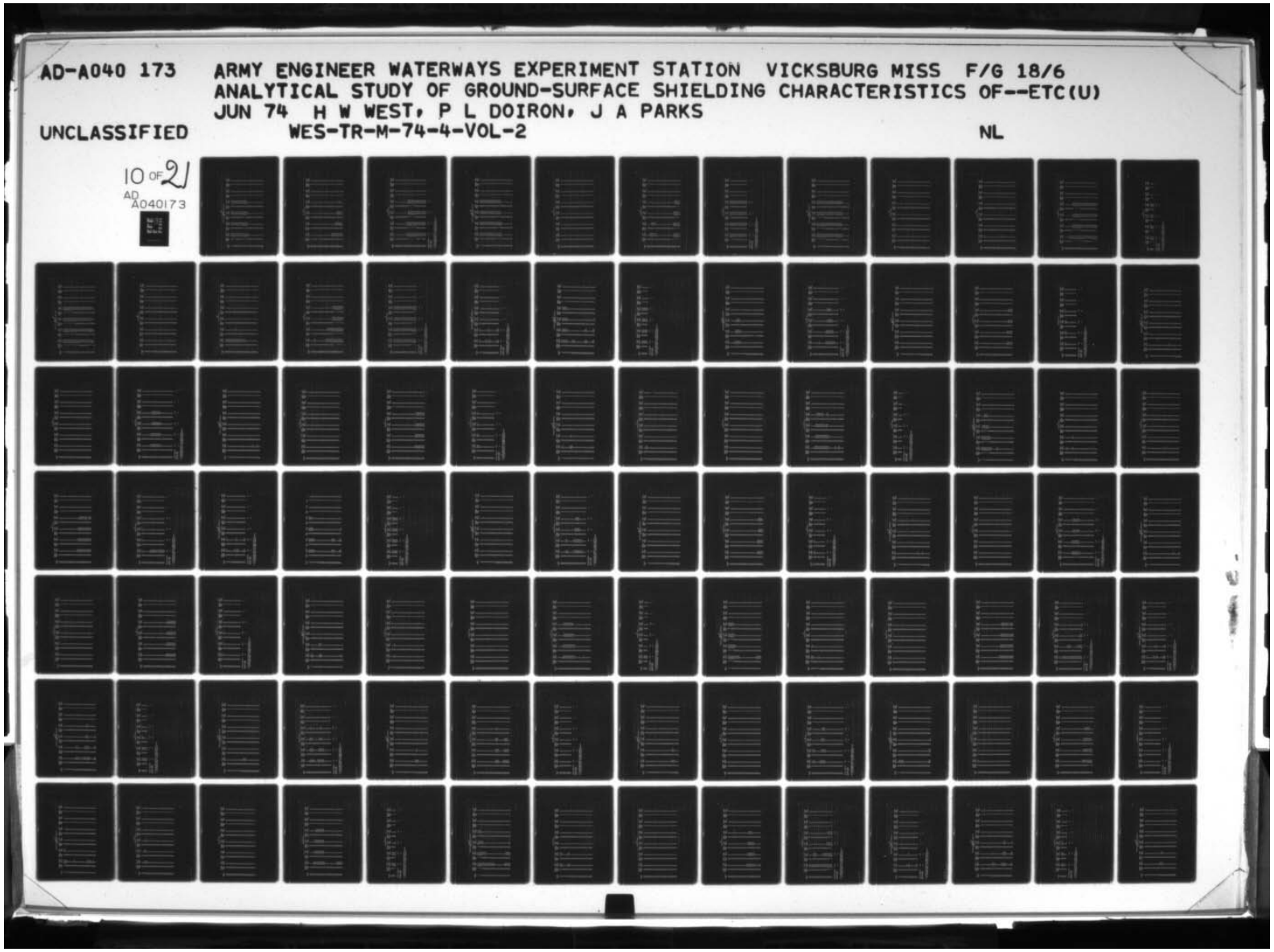

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TABLE I
SHIELDING OF TARGET AT POSITION E
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	94	80.00	94	80.00	94	80.00	93	70.00	0	0.	0	0.
7	94	80.00	94	80.00	94	70.00	93	70.00	0	0.	0	0.
10	94	80.00	94	70.00	94	70.00	93	70.00	0	0.	0	0.
14	0	100.00	94	70.00	94	70.00	93	60.00	0	0.	0	0.
18	0	100.00	94	70.00	93	70.00	93	60.00	0	0.	0	0.
21	94	70.00	93	60.00	93	60.00	92	60.00	0	0.	0	0.
25	93	70.00	93	60.00	93	60.00	92	50.00	0	0.	0	0.
28	93	70.00	93	60.00	93	60.00	92	50.00	0	0.	0	0.
32	93	70.00	93	70.00	92	60.00	92	50.00	0	0.	0	0.
36	93	70.00	93	70.00	92	60.00	92	60.00	0	0.	0	0.
39	93	70.00	93	70.00	92	60.00	92	50.00	0	0.	0	0.
43	93	70.00	93	70.00	92	60.00	92	60.00	0	0.	0	0.
46	94	90.00	93	80.00	93	70.00	92	60.00	0	0.	0	0.
50	0	100.00	0	100.00	0	100.00	94	90.00	0	0.	0	0.
54	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
57	0	100.00	0	100.00	0	100.00	92	80.00	0	0.	0	0.
61	0	100.00	92	80.00	91	60.00	90	30.00	0	0.	0	0.
64	92	90.00	91	60.00	89	10.00	88	0.	0	0.	0	0.
68	89	10.00	89	0.	88	0.	88	0.	0	0.	0	0.
72	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
75	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
79	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
82	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
86	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
90	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
93	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
97	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
100	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
104	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
108	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
111	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
115	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
118	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
122	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
126	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
129	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
133	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
136	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
140	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
144	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
147	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
151	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
154	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
158	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
162	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
165	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
169	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
172	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
176	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
180	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
183	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
187	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
190	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
194	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
198	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
201	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
205	93	10.00	92	0.	92	0.	92	0.	0	0.	0	0.
208	93	20.00	92	0.	92	0.	92	0.	0	0.	0	0.
212	92	10.00	92	0.	92	0.	91	0.	0	0.	0	0.
216	92	10.00	92	0.	91	0.	91	0.	0	0.	0	0.
219	92	20.00	92	10.00	91	0.	91	0.	0	0.	0	0.
223	92	30.00	92	20.00	91	10.00	91	0.	0	0.	0	0.
226	92	30.00	92	30.00	91	10.00	91	0.	0	0.	0	0.
230	93	50.00	92	30.00	91	20.00	91	0.	0	0.	0	0.
234	93	70.00	93	50.00	92	30.00	91	10.00	0	0.	0	0.
237	94	90.00	92	50.00	91	20.00	90	0.	0	0.	0	0.
241	93	70.00	92	40.00	90	0.	90	0.	0	0.	0	0.
244	92	60.00	90	0.	90	0.	90	0.	0	0.	0	0.

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TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
248	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
252	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
255	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
259	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
262	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
266	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
270	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
273	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
277	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
280	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
284	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
288	88	0.	88	0.	88	0.	88	0.	0	0.	0	0.
291	91	80.00	89	30.00	88	0.	88	0.	0	0.	0	0.
295	0	100.00	0	100.00	0	100.00	91	70.00	0	0.	0	0.
298	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
302	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
305	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
309	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
313	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
316	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
320	0	100.00	0	100.00	0	100.00	94	90.00	0	0.	0	0.
324	0	100.00	0	100.00	94	90.00	94	90.00	0	0.	0	0.
327	0	100.00	95	90.00	94	90.00	94	80.00	0	0.	0	0.
331	95	90.00	95	90.00	94	80.00	94	80.00	0	0.	0	0.
334	95	90.00	95	90.00	94	80.00	94	80.00	0	0.	0	0.
338	95	90.00	95	90.00	94	80.00	94	80.00	0	0.	0	0.
342	0	100.00	95	90.00	94	80.00	94	80.00	0	0.	0	0.
345	0	100.00	95	90.00	94	80.00	94	80.00	0	0.	0	0.
349	95	90.00	95	90.00	94	80.00	94	80.00	0	0.	0	0.
352	95	90.00	95	90.00	94	80.00	94	80.00	0	0.	0	0.
356	95	90.00	94	80.00	94	80.00	94	80.00	0	0.	0	0.
360	95	90.00	94	80.00	94	80.00	94	80.00	0	0.	0	0.
AVERAGE SHIELDING		39.00		33.90		30.10		27.30		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		92		92		92		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 35

SHIELDING OF TARGET AT POSITION E
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	90	40.00	90	40.00	89	30.00	89	30.00	0	0.	0	0.
6	90	40.00	89	30.00	89	30.00	89	30.00	0	0.	0	0.
9	90	40.00	90	30.00	89	30.00	89	30.00	0	0.	0	0.
12	90	40.00	90	30.00	90	30.00	89	30.00	0	0.	0	0.
15	90	40.00	90	30.00	90	30.00	89	30.00	0	0.	0	0.
18	91	40.00	90	40.00	90	30.00	90	30.00	0	0.	0	0.
21	91	40.00	91	40.00	90	40.00	90	30.00	0	0.	0	0.
24	91	40.00	91	40.00	91	40.00	91	40.00	0	0.	0	0.
27	92	50.00	91	40.00	91	40.00	91	40.00	0	0.	0	0.
30	92	50.00	92	50.00	92	50.00	91	50.00	0	0.	0	0.
33	93	60.00	93	60.00	92	60.00	92	50.00	0	0.	0	0.
36	93	80.00	93	60.00	92	60.00	92	60.00	0	0.	0	0.
39	92	60.00	92	60.00	92	50.00	91	50.00	0	0.	0	0.
42	92	60.00	92	60.00	92	50.00	91	50.00	0	0.	0	0.
45	92	60.00	92	50.00	91	50.00	91	40.00	0	0.	0	0.
48	92	60.00	92	50.00	91	50.00	91	40.00	0	0.	0	0.
51	92	70.00	92	60.00	91	50.00	91	50.00	0	0.	0	0.
54	93	80.00	93	80.00	92	70.00	91	60.00	0	0.	0	0.
57	0	100.00	0	100.00	93	90.00	92	80.00	0	0.	0	0.
60	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
63	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
66	0	100.00	0	100.00	91	70.00	90	50.00	0	0.	0	0.
69	91	80.00	89	20.00	89	0.	88	0.	0	0.	0	0.
72	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
75	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
78	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
81	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
84	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
87	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
90	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
93	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
96	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
99	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
102	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.

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TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
105	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
108	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
111	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
114	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
117	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
120	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
123	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
126	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
129	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
132	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
135	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
138	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
141	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
144	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
147	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
150	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
153	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
156	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
159	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
162	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
165	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
168	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
171	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
174	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
177	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
180	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
183	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
186	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
189	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
192	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
195	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
198	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
201	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
204	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.

TABLE 35 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
207	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
210	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
213	92	10.00	92	0.	92	0.	91	0.	0	0.	0	0.
216	92	10.00	92	0.	91	0.	91	0.	0	0.	0	0.
219	92	10.00	92	10.00	91	0.	91	0.	0	0.	0	0.
222	92	20.00	91	10.00	91	0.	91	0.	0	0.	0	0.
225	92	20.00	91	10.00	91	0.	91	0.	0	0.	0	0.
228	91	20.00	91	10.00	91	0.	91	0.	0	0.	0	0.
231	91	10.00	91	10.00	91	0.	90	0.	0	0.	0	0.
234	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
237	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
240	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
243	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
246	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
249	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
252	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
255	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
258	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
261	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
264	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
267	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
270	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
273	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
276	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
279	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
282	89	0.	89	0.	88	0.	86	0.	0	0.	0	0.
285	89	0.	88	0.	88	0.	88	0.	0	0.	0	0.
288	0	100.00	91	80.00	89	30.00	88	0.	0	0.	0	0.
291	0	100.00	0	100.00	0	100.00	91	80.00	0	0.	0	0.
294	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
297	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
300	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
303	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE 35 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
309	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
312	0	100.00	0	100.00	94	90.00	94	90.00	0	0.	0	0.
315	0	100.00	94	90.00	94	90.00	93	80.00	0	0.	0	0.
318	94	90.00	94	90.00	94	80.00	93	80.00	0	0.	0	0.
321	94	90.00	94	90.00	94	80.00	93	80.00	0	0.	0	0.
324	95	90.00	94	90.00	94	90.00	94	80.00	0	0.	0	0.
327	94	90.00	94	90.00	94	80.00	94	80.00	0	0.	0	0.
330	94	80.00	93	70.00	93	70.00	93	70.00	0	0.	0	0.
333	93	70.00	93	70.00	92	60.00	92	60.00	0	0.	0	0.
336	92	60.00	92	60.00	92	60.00	91	50.00	0	0.	0	0.
339	92	60.00	91	50.00	91	50.00	91	50.00	0	0.	0	0.
342	91	50.00	91	50.00	91	50.00	90	40.00	0	0.	0	0.
345	91	50.00	91	50.00	91	50.00	90	40.00	0	0.	0	0.
348	91	50.00	91	50.00	90	40.00	90	40.00	0	0.	0	0.
351	91	50.00	90	40.00	90	40.00	90	40.00	0	0.	0	0.
354	90	40.00	90	40.00	90	40.00	89	40.00	0	0.	0	0.
357	90	40.00	90	40.00	90	40.00	89	30.00	0	0.	0	0.
360	90	40.00	90	40.00	89	40.00	89	30.00	0	0.	0	0.
AVERAGE SHIELDING		29.08		26.75		24.42		22.75		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		91		91		91		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 35

SHIELDING OF TARGET AT POSITION E
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	0	100.00	0	100.00	0	100.00	90	40.00	0	0.	0	0.
5	0	100.00	0	100.00	0	100.00	90	60.00	0	0.	0	0.
7	0	100.00	0	100.00	0	100.00	91	60.00	0	0.	0	0.
10	0	100.00	0	100.00	0	100.00	91	60.00	0	0.	0	0.
12	0	100.00	0	100.00	0	100.00	91	70.00	0	0.	0	0.
15	0	100.00	0	100.00	0	100.00	90	50.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	90	50.00	0	0.	0	0.
20	0	100.00	0	100.00	0	100.00	90	30.00	0	0.	0	0.
23	0	100.00	0	100.00	90	50.00	90	30.00	0	0.	0	0.
25	0	100.00	91	80.00	90	30.00	90	30.00	0	0.	0	0.
28	0	100.00	90	30.00	90	30.00	90	30.00	0	0.	0	0.
30	90	30.00	90	30.00	90	30.00	89	30.00	0	0.	0	0.
33	90	30.00	90	30.00	90	30.00	90	30.00	0	0.	0	0.
36	91	40.00	90	40.00	90	30.00	90	30.00	0	0.	0	0.
38	91	40.00	91	40.00	91	40.00	90	30.00	0	0.	0	0.
41	91	50.00	91	50.00	91	40.00	91	40.00	0	0.	0	0.
43	92	50.00	92	50.00	91	50.00	91	40.00	0	0.	0	0.
46	93	90.00	92	50.00	91	50.00	91	40.00	0	0.	0	0.
48	92	50.00	91	50.00	91	40.00	91	40.00	0	0.	0	0.
51	91	50.00	91	50.00	91	40.00	91	40.00	0	0.	0	0.
54	92	60.00	91	50.00	91	50.00	91	40.00	0	0.	0	0.
56	92	70.00	91	60.00	91	50.00	91	50.00	0	0.	0	0.
59	92	80.00	92	70.00	91	60.00	91	60.00	0	0.	0	0.
61	0	100.00	0	100.00	92	90.00	92	80.00	0	0.	0	0.
64	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
66	0	100.00	0	100.00	0	100.00	92	90.00	0	0.	0	0.
69	0	100.00	91	80.00	90	40.00	89	10.00	0	0.	0	0.
72	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
74	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
77	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
79	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
82	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
84	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
87	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.

TABLE 35 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
90	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
92	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
95	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
97	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
100	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
102	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
105	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
108	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
110	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
113	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
115	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
118	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
120	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
123	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
126	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
128	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
131	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
133	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
136	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
138	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
141	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
144	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
146	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
149	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
151	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
154	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
156	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
159	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
162	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
164	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
167	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
169	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
172	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
174	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.

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TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
177	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
180	89	10.00	89	0.	88	0.	88	0.	0	0.	0	0.
182	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
185	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
187	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
190	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
192	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
195	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
198	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
200	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
203	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
205	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
208	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
210	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
213	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
216	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
218	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
221	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
223	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
226	91	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
228	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
231	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
234	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
236	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
239	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
241	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
244	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
246	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
249	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
252	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
254	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
257	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
259	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
262	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.

TABLE 36 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
264	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
267	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
270	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
272	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
275	89	10.00	89	0.	89	0.	89	0.	0	0.	0	0.
277	89	20.00	89	0.	89	0.	89	0.	0	0.	0	0.
280	89	20.00	89	0.	89	0.	88	0.	0	0.	0	0.
282	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
285	0	100.00	0	100.00	91	80.00	89	30.00	0	0.	0	0.
288	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
290	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
293	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
295	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
298	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
300	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
303	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	0	100.00	0	100.00	93	90.00	93	90.00	0	0.	0	0.
308	0	100.00	93	90.00	93	90.00	93	80.00	0	0.	0	0.
311	94	90.00	94	90.00	93	80.00	93	80.00	0	0.	0	0.
313	0	100.00	94	90.00	94	90.00	93	80.00	0	0.	0	0.
316	94	90.00	94	90.00	93	80.00	93	80.00	0	0.	0	0.
318	93	80.00	93	70.00	93	70.00	92	70.00	0	0.	0	0.
321	92	60.00	92	60.00	92	60.00	92	60.00	0	0.	0	0.
324	92	60.00	92	60.00	91	50.00	91	50.00	0	0.	0	0.
326	91	50.00	91	50.00	91	40.00	90	40.00	0	0.	0	0.
329	91	50.00	90	40.00	90	40.00	90	40.00	0	0.	0	0.
331	91	50.00	90	40.00	90	40.00	90	40.00	0	0.	0	0.
334	91	50.00	90	40.00	90	40.00	90	40.00	0	0.	0	0.
336	0	100.00	90	40.00	90	40.00	90	40.00	0	0.	0	0.
339	0	100.00	91	60.00	90	40.00	90	40.00	0	0.	0	0.
342	0	100.00	91	70.00	90	40.00	90	40.00	0	0.	0	0.
344	0	100.00	91	80.00	90	40.00	90	40.00	0	0.	0	0.
347	0	100.00	0	100.00	90	40.00	90	40.00	0	0.	0	0.
349	0	100.00	0	100.00	90	40.00	90	40.00	0	0.	0	0.

TABLE 35 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
352	0	100.00	0	100.00	91	70.00	90	40.00	0	0.	0	0.
354	0	100.00	0	100.00	91	90.00	90	40.00	0	0.	0	0.
357	0	100.00	0	100.00	91	90.00	90	40.00	0	0.	0	0.
360	0	100.00	0	100.00	0	100.00	90	50.00	0	0.	0	0.
AVERAGE SHIELDING		35.00		31.64		27.79		22.50		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		91		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 35

SHIELDING OF TARGET AT POSITION E
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
4	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
6	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
9	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
11	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
13	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
15	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
20	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
22	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
24	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
27	0	100.00	0	100.00	0	100.00	91	80.00	0	0.	0	0.
29	0	100.00	0	100.00	0	100.00	91	50.00	0	0.	0	0.
31	0	100.00	0	100.00	91	70.00	90	30.00	0	0.	0	0.
33	0	100.00	92	90.00	90	30.00	90	30.00	0	0.	0	0.
36	0	100.00	91	70.00	90	30.00	90	30.00	0	0.	0	0.
38	0	100.00	90	40.00	90	30.00	90	30.00	0	0.	0	0.
40	90	30.00	90	30.00	90	30.00	89	20.00	0	0.	0	0.
42	90	30.00	90	30.00	89	20.00	89	20.00	0	0.	0	0.
45	90	30.00	90	30.00	90	30.00	89	20.00	0	0.	0	0.
47	90	30.00	90	30.00	90	30.00	90	20.00	0	0.	0	0.
49	91	50.00	91	40.00	91	40.00	90	30.00	0	0.	0	0.
51	92	70.00	91	50.00	91	50.00	91	40.00	0	0.	0	0.
54	91	50.00	91	50.00	91	50.00	91	40.00	0	0.	0	0.
56	91	50.00	91	50.00	91	50.00	90	40.00	0	0.	0	0.
58	91	60.00	91	50.00	91	50.00	90	40.00	0	0.	0	0.
60	91	70.00	91	60.00	91	60.00	90	50.00	0	0.	0	0.
63	92	80.00	91	80.00	91	70.00	91	60.00	0	0.	0	0.
65	0	100.00	0	100.00	92	90.00	91	80.00	0	0.	0	0.
67	0	100.00	0	100.00	0	100.00	92	90.00	0	0.	0	0.
69	0	100.00	0	100.00	91	90.00	91	70.00	0	0.	0	0.
72	0	100.00	90	50.00	89	0.	89	0.	0	0.	0	0.
74	82	0.	89	0.	89	0.	89	0.	0	0.	0	0.
76	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.

TABLE 35 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
78	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
81	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
83	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
85	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
87	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
90	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
92	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
94	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
96	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
99	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
101	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
103	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
105	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
108	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
110	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
112	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
114	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
117	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
119	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
121	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
123	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
126	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
128	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
130	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
132	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
135	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
137	0	100.00	92	0.	92	0.	92	0.	0	0.	0	0.
139	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
141	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
144	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
146	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
148	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
150	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
153	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.

TABLE 35 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
155	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
157	89	10.00	89	0.	88	0.	88	0.	0	0.	0	0.
159	89	10.00	89	0.	88	0.	88	0.	0	0.	0	0.
162	89	10.00	89	0.	88	0.	88	0.	0	0.	0	0.
164	89	10.00	89	0.	88	0.	88	0.	0	0.	0	0.
166	89	20.00	89	0.	88	0.	88	0.	0	0.	0	0.
168	89	20.00	89	0.	88	0.	88	0.	0	0.	0	0.
171	89	20.00	89	0.	88	0.	88	0.	0	0.	0	0.
173	89	20.00	89	0.	88	0.	88	0.	0	0.	0	0.
175	89	20.00	89	0.	88	0.	88	0.	0	0.	0	0.
177	89	20.00	89	0.	88	0.	88	0.	0	0.	0	0.
180	89	20.00	89	10.00	88	0.	88	0.	0	0.	0	0.
182	89	20.00	89	0.	88	0.	88	0.	0	0.	0	0.
184	89	20.00	89	0.	88	0.	88	0.	0	0.	0	0.
186	89	20.00	89	0.	88	0.	88	0.	0	0.	0	0.
189	89	20.00	89	0.	88	0.	88	0.	0	0.	0	0.
191	89	20.00	89	0.	88	0.	88	0.	0	0.	0	0.
193	89	20.00	89	0.	88	0.	88	0.	0	0.	0	0.
195	89	10.00	89	0.	88	0.	88	0.	0	0.	0	0.
198	89	10.00	89	0.	88	0.	88	0.	0	0.	0	0.
200	89	10.00	89	0.	88	0.	88	0.	0	0.	0	0.
202	89	10.00	89	0.	88	0.	88	0.	0	0.	0	0.
204	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
207	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
209	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
211	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
213	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
216	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
218	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
220	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
222	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
225	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
227	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
229	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.

TABLE 35 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
231	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
234	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
236	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
238	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
240	90	20.00	90	0.	90	0.	89	0.	0	0.	0	0.
243	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
245	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
247	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
249	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
252	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
254	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
256	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
258	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
261	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
263	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
265	89	10.00	89	0.	89	0.	89	0.	0	0.	0	0.
267	90	20.00	89	0.	89	0.	89	0.	0	0.	0	0.
270	90	60.00	89	10.00	89	0.	89	0.	0	0.	0	0.
272	89	20.00	89	10.00	89	0.	89	0.	0	0.	0	0.
274	91	70.00	89	20.00	89	0.	89	0.	0	0.	0	0.
276	90	40.00	90	30.00	89	0.	89	0.	0	0.	0	0.
279	90	40.00	89	20.00	89	0.	89	0.	0	0.	0	0.
281	90	40.00	90	30.00	89	10.00	89	0.	0	0.	0	0.
283	0	100.00	0	100.00	0	100.00	91	90.00	0	0.	0	0.
285	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
288	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
290	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
292	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
294	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
297	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
299	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
301	0	100.00	0	100.00	0	100.00	93	90.00	0	0.	0	0.
303	0	100.00	0	100.00	93	90.00	93	90.00	0	0.	0	0.
306	0	100.00	93	90.00	93	90.00	93	80.00	0	0.	0	0.

TABLE 35 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
308	94	90.00	93	90.00	93	90.00	93	80.00	0	0.	0	0.
310	93	80.00	93	80.00	93	80.00	92	70.00	0	0.	0	0.
312	92	70.00	92	60.00	92	60.00	92	60.00	0	0.	0	0.
315	92	60.00	91	50.00	91	50.00	91	50.00	0	0.	0	0.
317	91	50.00	91	50.00	90	40.00	90	40.00	0	0.	0	0.
319	91	40.00	90	40.00	90	40.00	90	40.00	0	0.	0	0.
321	91	50.00	90	40.00	90	40.00	90	40.00	0	0.	0	0.
324	91	50.00	91	50.00	90	40.00	90	40.00	0	0.	0	0.
326	91	60.00	91	50.00	90	40.00	90	40.00	0	0.	0	0.
328	92	80.00	91	50.00	90	40.00	90	40.00	0	0.	0	0.
330	92	80.00	91	50.00	90	40.00	90	40.00	0	0.	0	0.
333	92	90.00	91	60.00	90	40.00	90	40.00	0	0.	0	0.
335	92	90.00	91	60.00	90	40.00	90	40.00	0	0.	0	0.
337	92	80.00	91	60.00	90	40.00	90	40.00	0	0.	0	0.
339	92	90.00	91	70.00	90	40.00	90	40.00	0	0.	0	0.
342	92	90.00	91	70.00	90	40.00	90	40.00	0	0.	0	0.
344	92	90.00	91	70.00	90	40.00	90	40.00	0	0.	0	0.
346	92	90.00	91	70.00	90	40.00	90	40.00	0	0.	0	0.
348	0	100.00	91	80.00	91	50.00	90	40.00	0	0.	0	0.
351	0	100.00	0	100.00	92	90.00	91	60.00	0	0.	0	0.
353	0	100.00	0	100.00	0	100.00	91	80.00	0	0.	0	0.
355	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
357	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
360	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
AVERAGE SHIELDING		40.31		33.25		29.31		27.00		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8

SHIELDING OF TARGET AT POSITION A

RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
18	94	20,00	91	10,00	90	0,	89	0,	0	0,	0	0,
36	90	0,	98	0,	88	0,	87	0,	0	0,	0	0,
54	89	0,	88	0,	87	0,	85	0,	0	0,	0	0,
72	89	0,	88	0,	87	0,	85	0,	0	0,	0	0,
90	91	0,	90	0,	88	0,	87	0,	0	0,	0	0,
108	91	0,	98	0,	89	0,	87	0,	0	0,	0	0,
126	95	10,00	94	0,	93	0,	91	0,	0	0,	0	0,
144	98	0,	97	0,	95	0,	94	0,	0	0,	0	0,
162	100	10,00	99	10,00	98	0,	96	0,	0	0,	0	0,
180	91	0,	90	0,	88	0,	87	0,	0	0,	0	0,
198	101	10,00	100	10,00	99	0,	97	0,	0	0,	0	0,
216	99	10,00	98	0,	97	0,	95	0,	0	0,	0	0,
234	96	0,	95	0,	94	0,	92	0,	0	0,	0	0,
252	93	0,	92	0,	91	0,	89	0,	0	0,	0	0,
270	92	0,	91	0,	89	0,	88	0,	0	0,	0	0,
288	91	0,	90	0,	89	0,	88	0,	0	0,	0	0,
306	91	0,	90	0,	89	0,	87	0,	0	0,	0	0,
324	92	0,	91	0,	90	0,	88	0,	0	0,	0	0,
342	95	20,00	92	10,00	91	0,	89	0,	0	0,	0	0,
360	97	30,00	92	10,00	91	0,	89	0,	0	0,	0	0,
AVERAGE SHIELDING		5,50		2,50		0,		0,		0,		0,
AVERAGE TARGET CONTACT ANGLE		94		93		91		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE NO. 2

TABLE 36

SHIELDING OF TARGET AT POSITION A

RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
9	95	20,00	94	20,00	93	10,00	92	10,00	0	0,	0	0,
18	94	20,00	94	20,00	92	10,00	92	10,00	0	0,	0	0,
27	94	20,00	94	20,00	92	10,00	92	10,00	0	0,	0	0,
36	95	30,00	93	20,00	92	10,00	91	10,00	0	0,	0	0,
45	94	30,00	93	20,00	91	10,00	90	10,00	0	0,	0	0,
54	93	30,00	92	20,00	90	10,00	89	0,	0	0,	0	0,
63	90	10,00	89	0,	89	0,	88	0,	0	0,	0	0,
72	89	0,	88	0,	88	0,	87	0,	0	0,	0	0,
81	89	0,	88	0,	88	0,	87	0,	0	0,	0	0,
90	90	0,	90	0,	89	0,	88	0,	0	0,	0	0,
99	90	0,	89	0,	89	0,	88	0,	0	0,	0	0,
108	92	10,00	91	0,	91	0,	90	0,	0	0,	0	0,
117	93	10,00	93	0,	92	0,	91	0,	0	0,	0	0,
126	95	10,00	94	0,	94	0,	93	0,	0	0,	0	0,
135	95	0,	95	0,	94	0,	94	0,	0	0,	0	0,
144	96	0,	95	0,	95	0,	94	0,	0	0,	0	0,
153	96	0,	95	0,	95	0,	94	0,	0	0,	0	0,
162	96	0,	95	0,	95	0,	94	0,	0	0,	0	0,
171	96	0,	95	0,	95	0,	94	0,	0	0,	0	0,
180	96	0,	95	0,	95	0,	94	0,	0	0,	0	0,
189	96	0,	96	0,	95	0,	94	0,	0	0,	0	0,
198	96	0,	96	0,	95	0,	95	0,	0	0,	0	0,
207	97	0,	97	0,	96	0,	95	0,	0	0,	0	0,
216	98	0,	97	0,	97	0,	96	0,	0	0,	0	0,
225	98	10,00	98	10,00	97	0,	96	0,	0	0,	0	0,
234	97	10,00	97	10,00	96	0,	95	0,	0	0,	0	0,
243	95	10,00	95	0,	94	0,	94	0,	0	0,	0	0,
252	93	0,	93	0,	92	0,	91	0,	0	0,	0	0,
261	92	0,	91	0,	91	0,	90	0,	0	0,	0	0,
270	91	0,	91	0,	90	0,	89	0,	0	0,	0	0,
279	91	0,	91	0,	90	0,	89	0,	0	0,	0	0,
288	91	0,	91	0,	90	0,	89	0,	0	0,	0	0,
297	93	20,00	92	10,00	91	0,	90	0,	0	0,	0	0,
306	95	30,00	94	20,00	92	10,00	92	0,	0	0,	0	0,

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 0 CM
315	96	30,00	95	20,00	93	10,00	92	10,00	0	0%	0	0,
324	96	30,00	95	20,00	94	20,00	93	10,00	0	0%	0	0,
333	96	20,00	95	20,00	94	10,00	93	10,00	0	0%	0	0,
342	95	20,00	95	20,00	93	10,00	93	10,00	0	0%	0	0,
351	95	20,00	95	20,00	93	10,00	92	10,00	0	0%	0	0,
360	95	20,00	95	20,00	93	10,00	92	10,00	0	0%	0	0,
AVERAGE SHIELDING		18,25		7,25		3,50		2,75		0%		0,
AVERAGE TARGET CONTACT ANGLE		94		94		93		92		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE V

SHIELDING OF TARGET AT POSITION A

RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
6	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
12	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
18	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
24	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
30	91	10,00	91	0,	90	0,	90	0,	0	0,	0	0,
36	91	10,00	91	10,00	90	0,	90	0,	0	0,	0	0,
42	91	10,00	91	10,00	90	10,00	90	0,	0	0,	0	0,
48	91	10,00	91	10,00	90	10,00	90	0,	0	0,	0	0,
54	91	10,00	91	10,00	90	10,00	90	0,	0	0,	0	0,
60	91	20,00	90	10,00	90	10,00	89	0,	0	0,	0	0,
66	90	10,00	90	10,00	89	0,	89	0,	0	0,	0	0,
72	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
78	89	0,	88	0,	88	0,	87	0,	0	0,	0	0,
84	89	0,	88	0,	88	0,	87	0,	0	0,	0	0,
90	89	0,	88	0,	88	0,	87	0,	0	0,	0	0,
96	89	0,	89	0,	89	0,	88	0,	0	0,	0	0,
102	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
108	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
114	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
120	93	0,	92	0,	92	0,	91	0,	0	0,	0	0,
126	93	0,	93	0,	92	0,	92	0,	0	0,	0	0,
132	93	0,	93	0,	92	0,	92	0,	0	0,	0	0,
138	93	0,	93	0,	92	0,	92	0,	0	0,	0	0,
144	93	0,	93	0,	92	0,	92	0,	0	0,	0	0,
150	93	0,	93	0,	93,	0,	92	0,	0	0,	0	0,
156	93	0,	93	0,	93	0,	92	0,	0	0,	0	0,
162	93	0,	93	0,	93	0,	92	0,	0	0,	0	0,
168	93	0,	93	0,	92	0,	92	0,	0	0,	0	0,
174	93	0,	93	0,	93	0,	92	0,	0	0,	0	0,
180	93	0,	93	0,	93	0,	92	0,	0	0,	0	0,
186	93	0,	93	0,	93	0,	92	0,	0	0,	0	0,
192	93	0,	93	0,	93	0,	92	0,	0	0,	0	0,
198	94	0,	93	0,	93	0,	92	0,	0	0,	0	0,
204	94	0,	93	0,	93	0,	92	0,	0	0,	0	0,

TABLE 36 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
210	94	0,	94	0,	93	0,	93	0,	0	0%	0	0,
216	94	0,	94	0,	93	0;	93	0,	0	0%	0	0,
222	95	0,	94	0,	94	0;	93	0,	0	0%	0	0,
228	95	0,	94	0,	94	0;	93	0,	0	0%	0	0,
234	95	0,	95	0,	94	0,	94	0,	0	0%	0	0,
240	95	0,	95	0,	95	0;	94	0,	0	0%	0	0,
246	95	10,00	94	0,	94	0,	93	0,	0	0%	0	0,
252	93	0,	93	0,	93	0;	92	0,	0	0%	0	0,
258	92	0,	92	0,	92	0;	91	0,	0	0%	0	0,
264	91	0,	91	0,	91	0,	90	0,	0	0%	0	0,
270	91	0,	91	0,	90	0,	90	0,	0	0%	0	0,
276	91	0,	91	0,	90	0;	90	0,	0	0%	0	0,
282	91	0,	91	0,	90	0;	90	0,	0	0%	0	0,
288	93	30,00	92	20,00	91	0;	91	0,	0	0%	0	0,
294	95	50,00	94	30,00	93	20,00	92	10,00	0	0%	0	0,
300	96	40,00	95	30,00	94	20,00	93	20,00	0	0%	0	0,
306	95	30,00	94	20,00	94	20;00	93	10,00	0	0%	0	0,
312	94	20,00	93	10,00	93	10;00	92	10,00	0	0%	0	0,
318	93	10,00	93	10,00	92	10;00	92	0,	0	0%	0	0,
324	93	10,00	93	10,00	92	10;00	92	0,	0	0%	0	0,
330	93	10,00	92	10,00	92	0;	92	0,	0	0%	0	0,
336	92	10,00	92	0,	92	0;	91	0,	0	0%	0	0,
342	92	10,00	92	0,	91	0;	91	0,	0	0%	0	0,
348	92	0,	92	0,	91	0;	91	0,	0	0%	0	0,
354	92	0,	91	0,	91	0,	90	0,	0	0%	0	0,
360	91	0,	91	0,	91	0;	90	0,	0	0%	0	0,
AVERAGE SHIELDING		5,17		3,33		2,17		0,83		0%		0,
AVERAGE TARGET CONTACT ANGLE		92		92		92		91		0		0

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 36

SHIELDING OF TARGET AT POSITION A
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
4	90	0,	89	0,	89	0;	89	0,	0	0,	0	0,
9	90	0,	89	0,	89	0;	89	0,	0	0,	0	0,
13	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
18	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
22	89	0,	89	0,	89	0;	89	0,	0	0,	0	0,
27	90	0,	89	0,	89	0,	89	0,	0	0,	0	0,
31	90	0,	89	0,	89	0;	89	0,	0	0,	0	0,
36	90	0,	89	0,	89	0,	89	0,	0	0,	0	0,
40	90	0,	89	0,	89	0,	89	0,	0	0,	0	0,
45	90	0,	89	0,	89	0;	89	0,	0	0,	0	0,
49	90	0,	89	0,	89	0;	89	0,	0	0,	0	0,
54	89	0,	89	0,	89	0;	88	0,	0	0,	0	0,
58	89	0,	89	0,	89	0,	88	0,	0	0,	0	0,
63	89	0,	89	0,	88	0;	88	0,	0	0,	0	0,
67	89	0,	89	0,	88	0;	88	0,	0	0,	0	0,
72	89	0,	89	0,	88	0;	88	0,	0	0,	0	0,
76	89	0,	89	0,	88	0;	88	0,	0	0,	0	0,
81	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
85	89	0,	88	0,	88	0;	88	0,	0	0,	0	0,
90	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
94	89	0,	89	0,	89	0;	88	0,	0	0,	0	0,
99	90	0,	90	0,	89	0;	89	0,	0	0,	0	0,
103	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
108	91	0,	91	0,	90	0;	90	0,	0	0,	0	0,
112	91	0,	91	0,	91	0;	90	0,	0	0,	0	0,
117	92	0,	91	0,	91	0;	91	0,	0	0,	0	0,
121	92	0,	92	0,	91	0;	91	0,	0	0,	0	0,
126	92	0,	92	0,	91	0;	91	0,	0	0,	0	0,
130	92	0,	92	0,	91	0;	91	0,	0	0,	0	0,
135	92	0,	92	0,	92	0;	91	0,	0	0,	0	0,
139	92	0,	92	0,	92	0;	91	0,	0	0,	0	0,
144	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
148	92	0,	92	0,	92	0;	91	0,	0	0,	0	0,
153	92	0,	92	0,	92	0;	91	0,	0	0,	0	0,

TABLE 36 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
157	92	0,	92	0,	91	0;	91	0,	0	0%	0	0,
162	92	0,	92	0,	91	0;	91	0,	0	0%	0	0,
166	92	0,	92	0,	91	0;	91	0,	0	0%	0	0,
171	92	0,	92	0,	91	0,	91	0,	0	0%	0	0,
175	92	0,	92	0,	91	0,	91	0,	0	0%	0	0,
180	92	0,	92	0,	91	0;	91	0,	0	0%	0	0,
184	92	0,	92	0,	91	0;	91	0,	0	0%	0	0,
189	92	0,	91	0,	91	0;	91	0,	0	0%	0	0,
193	92	0,	92	0,	91	0;	91	0,	0	0%	0	0,
198	92	0,	92	0,	91	0;	91	0,	0	0%	0	0,
202	92	0,	92	0,	91	0;	91	0,	0	0%	0	0,
207	92	0,	92	0,	91	0;	91	0,	0	0%	0	0,
211	92	0,	92	0,	91	0,	91	0,	0	0%	0	0,
216	92	0,	92	0,	92	0;	91	0,	0	0%	0	0,
220	92	0,	92	0,	92	0;	91	0,	0	0%	0	0,
225	93	0,	92	0,	92	0;	92	0,	0	0%	0	0,
229	93	0,	93	0,	92	0;	92	0,	0	0%	0	0,
234	93	0,	93	0,	93	0;	92	0,	0	0%	0	0,
238	93	0,	93	0,	93	0,	92	0,	0	0%	0	0,
243	93	0,	93	0,	93	0;	93	0,	0	0%	0	0,
247	93	0,	93	0,	93	0;	92	0,	0	0%	0	0,
252	93	0,	93	0,	92	0;	92	0,	0	0%	0	0,
256	92	0,	92	0,	92	0;	91	0,	0	0%	0	0,
261	92	0,	91	0,	91	0;	91	0,	0	0%	0	0,
265	91	0,	91	0,	90	0;	90	0,	0	0%	0	0,
270	91	0,	91	0,	90	0;	90	0,	0	0%	0	0,
274	91	0,	91	0,	90	0;	90	0,	0	0%	0	0,
279	91	0,	91	0,	90	0;	90	0,	0	0%	0	0,
283	92	20,00	92	10,00	91	0;	91	0,	0	0%	0	0,
288	94	40,00	93	30,00	92	20;00	92	10,00	0	0%	0	0,
292	97	80,00	96	60,00	95	50;00	94	40,00	0	0%	0	0,
297	98	90,00	98	80,00	96	50;00	95	40,00	0	0%	0	0,
301	98	70,00	97	60,00	96	40;00	95	30,00	0	0%	0	0,
306	96	50,00	94	20,00	94	20;00	94	20,00	0	0%	0	0,

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
310	93	10,00	93	10,00	93	10,00	92	10,00	0	0%	0	0%
315	94	10,00	93	10,00	92	10,00	92	0%	0	0%	0	0%
319	92	0%	92	0%	92	0%	91	0%	0	0%	0	0%
324	92	0%	92	0%	91	0%	91	0%	0	0%	0	0%
328	91	0%	91	0%	91	0%	90	0%	0	0%	0	0%
333	91	0%	91	0%	90	0%	90	0%	0	0%	0	0%
337	91	0%	90	0%	90	0%	90	0%	0	0%	0	0%
342	90	0%	90	0%	90	0%	89	0%	0	0%	0	0%
346	90	0%	90	0%	90	0%	89	0%	0	0%	0	0%
351	90	0%	90	0%	89	0%	89	0%	0	0%	0	0%
355	90	0%	90	0%	89	0%	89	0%	0	0%	0	0%
360	90	0%	89	0%	89	0%	89	0%	0	0%	0	0%
AVERAGE SHIELDING		5,00		3,50		2,50		1,87		0%		0%
AVERAGE TARGET CONTACT ANGLE		91		91		91		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

36

TABLE 8

SHIELDING OF TARGET AT POSITION A

RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	89	0,	89	0,	89	0;	88	0,	0	0;	0	0,
7	89	0,	89	0,	88	0;	88	0,	0	0;	0	0,
10	89	0,	89	0,	88	0;	88	0,	0	0;	0	0,
14	89	0,	89	0,	88	0;	88	0,	0	0;	0	0,
18	89	0,	89	0,	88	0;	88	0,	0	0;	0	0,
21	89	0,	89	0,	88	0;	88	0,	0	0;	0	0,
25	89	0,	88	0,	88	0;	88	0,	0	0;	0	0,
28	89	0,	88	0,	88	0;	88	0,	0	0;	0	0,
32	89	0,	88	0,	88	0,	88	0,	0	0;	0	0,
36	89	0,	88	0,	88	0,	88	0,	0	0;	0	0,
39	89	0,	88	0,	88	0;	88	0,	0	0;	0	0,
43	89	0,	88	0,	88	0;	88	0,	0	0;	0	0,
46	89	0,	88	0,	88	0;	88	0,	0	0;	0	0,
50	89	0,	88	0,	88	0,	88	0,	0	0;	0	0,
54	89	0,	88	0,	88	0;	88	0,	0	0;	0	0,
57	89	0,	88	0,	88	0;	88	0,	0	0;	0	0,
61	88	0,	88	0,	88	0;	88	0,	0	0;	0	0,
64	88	0,	88	0,	88	0;	88	0,	0	0;	0	0,
68	88	0,	88	0,	88	0;	88	0,	0	0;	0	0,
72	88	0,	88	0,	88	0,	88	0,	0	0;	0	0,
75	89	0,	89	0,	88	0;	88	0,	0	0;	0	0,
79	89	10.00	89	0,	88	0;	88	0,	0	0;	0	0,
82	89	0,	88	0,	88	0;	88	0,	0	0;	0	0,
86	89	0,	88	0,	88	0;	88	0,	0	0;	0	0,
90	89	0,	88	0,	88	0,	88	0,	0	0;	0	0,
93	89	0,	89	0,	89	0;	88	0,	0	0;	0	0,
97	90	0,	89	0,	89	0;	89	0,	0	0;	0	0,
100	90	0,	90	0,	90	0;	89	0,	0	0;	0	0,
104	90	0,	90	0,	90	0;	90	0,	0	0;	0	0,
108	91	0,	91	0,	90	0;	90	0,	0	0;	0	0,
111	91	0,	91	0,	90	0;	90	0,	0	0;	0	0,
115	91	0,	91	0,	91	0;	90	0,	0	0;	0	0,
118	91	0,	91	0,	91	0;	90	0,	0	0;	0	0,
122	91	0,	91	0,	91	0;	91	0,	0	0;	0	0,

TABLE 36 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
126	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
129	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
133	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
136	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
140	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
144	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
147	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
151	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
154	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
158	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
162	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
165	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
169	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
172	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
176	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
180	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
183	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
187	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
190	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
194	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
198	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
201	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
205	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
208	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
212	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
216	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
219	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
223	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
226	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
230	92	0,	91	0,	91	0,	91	0,	0	0,	0	0,
234	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
237	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
241	92	0,	92	0,	92	0,	92	0,	0	0,	0	0,
244	93	0,	92	0,	92	0,	92	0,	0	0,	0	0,

TABLE 36 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 0 CM
248	93	0,	92	0,	92	0,	92	0,	0	0%	0	0,
252	93	0,	92	0,	92	0%	92	0,	0	0%	0	0,
255	92	0,	92	0,	92	0%	91	0,	0	0%	0	0,
259	92	0,	92	0,	91	0%	91	0,	0	0%	0	0,
262	91	0,	91	0,	91	0%	91	0,	0	0%	0	0,
266	91	0,	91	0,	90	0%	90	0,	0	0%	0	0,
270	91	0,	91	0,	90	0%	90	0,	0	0%	0	0,
273	91	0,	90	0,	90	0%	90	0,	0	0%	0	0,
277	91	0,	91	0,	90	0,	90	0,	0	0%	0	0,
280	92	30,00	91	10,00	91	0%	91	0,	0	0%	0	0,
284	93	30,00	92	20,00	92	10;00	91	10,00	0	0%	0	0,
288	93	30,00	93	30,00	93	20,00	92	10,00	0	0%	0	0,
291	94	30,00	94	30,00	93	20;00	93	20,00	0	0%	0	0,
295	94	30,00	94	30,00	93	20;00	93	20,00	0	0%	0	0,
298	95	30,00	94	30,00	94	20;00	93	20,00	0	0%	0	0,
302	94	20,00	94	20,00	94	20;00	94	20,00	0	0%	0	0,
306	94	20,00	94	20,00	94	20;00	94	20,00	0	0%	0	0,
309	94	20,00	94	20,00	94	20;00	93	10,00	0	0%	0	0,
313	93	10,00	93	10,00	92	10;00	92	10,00	0	0%	0	0,
316	93	30,00	92	10,00	92	10;00	92	0,	0	0%	0	0,
320	92	0,	91	0,	91	0%	91	0,	0	0%	0	0,
324	91	0,	91	0,	91	0%	90	0,	0	0%	0	0,
327	91	0,	91	0,	90	0%	90	0,	0	0%	0	0,
331	90	0,	90	0,	90	0%	90	0,	0	0%	0	0,
334	90	0,	90	0,	90	0%	89	0,	0	0%	0	0,
338	90	0,	90	0,	89	0%	89	0,	0	0%	0	0,
342	90	0,	90	0,	89	0%	89	0,	0	0%	0	0,
345	90	0,	89	0,	89	0%	89	0,	0	0%	0	0,
349	89	0,	89	0,	89	0%	89	0,	0	0%	0	0,
352	89	0,	89	0,	89	0%	89	0,	0	0%	0	0,
356	89	0,	89	0,	89	0%	88	0,	0	0%	0	0,
360	89	0,	89	0,	89	0%	88	0,	0	0%	0	0,
AVERAGE SHIELDING		2,90		2,30		1,70		1,40		0%		0,
AVERAGE TARGET CONTACT ANGLE		91		90		90		90		0		8

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 3
SHIELDING OF TARGET AT POSITION A
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
6	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
9	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
12	88	0,	88	0,	88	0,	88	0,	0	0,	0	0,
15	88	0,	88	0,	88	0,	88	0,	0	0,	0	0,
18	88	0,	88	0,	88	0,	88	0,	0	0,	0	0,
21	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
24	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
27	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
30	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
33	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
36	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
39	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
42	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
45	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
48	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
51	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
54	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
57	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
60	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
63	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
66	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
69	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
72	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
75	88	0,	88	0,	88	0,	88	0,	0	0,	0	0,
78	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
81	89	10,00	89	0,	88	0,	88	0,	0	0,	0	0,
84	88	0,	88	0,	88	0,	88	0,	0	0,	0	0,
87	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
90	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
93	89	0,	89	0,	89	0,	88	0,	0	0,	0	0,
96	89	10,00	89	0,	89	0,	89	0,	0	0,	0	0,
99	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
102	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,

TABLE 36 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
105	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
108	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
111	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
114	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
117	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
120	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
123	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
126	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
129	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
132	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
135	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
138	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
141	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
144	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
147	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
150	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
153	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
156	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
159	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
162	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
165	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
168	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
171	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
174	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
177	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
180	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
183	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
186	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
189	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
192	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
195	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
198	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
201	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
204	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.

TABLE 36 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 0 CM
207	90	0,	90	0,	90	0,	89	0,	0	0*	0	0,
210	90	0,	90	0,	90	0;	89	0,	0	0*	0	0,
213	90	0,	90	0,	90	0*	90	0,	0	0*	0	0,
216	90	0,	90	0,	90	0;	90	0,	0	0*	0	0,
219	90	0,	90	0,	90	0;	90	0,	0	0*	0	0,
222	91	0,	90	0,	90	0*	90	0,	0	0*	0	0,
225	91	0,	91	0,	90	0;	90	0,	0	0*	0	0,
228	91	0,	91	0,	91	0,	90	0,	0	0*	0	0,
231	91	0,	91	0,	91	0;	90	0,	0	0*	0	0,
234	91	0,	91	0,	91	0;	91	0,	0	0*	0	0,
237	91	0,	91	0,	91	0;	91	0,	0	0*	0	0,
240	92	0,	91	0,	91	0;	91	0,	0	0*	0	0,
243	92	0,	92	0,	91	0;	91	0,	0	0*	0	0,
246	92	0,	92	0,	92	0;	91	0,	0	0*	0	0,
249	92	0,	92	0,	92	0;	91	0,	0	0*	0	0,
252	92	0,	92	0,	92	0;	91	0,	0	0*	0	0,
255	92	0,	92	0,	92	0;	91	0,	0	0*	0	0,
258	92	0,	92	0,	91	0;	91	0,	0	0*	0	0,
261	91	0,	91	0,	91	0;	91	0,	0	0*	0	0,
264	91	0,	91	0,	91	0;	90	0,	0	0*	0	0,
267	91	0,	91	0,	90	0,	90	0,	0	0*	0	0,
270	91	0,	90	0,	90	0;	90	0,	0	0*	0	0,
273	91	0,	90	0,	90	0;	90	0,	0	0*	0	0,
276	91	0,	91	0,	90	0,	90	0,	0	0*	0	0,
279	92	30,00	92	20,00	91	0;	91	0,	0	0*	0	0,
282	93	40,00	92	30,00	92	10;00	91	10,00	0	0*	0	0,
285	93	30,00	93	30,00	92	20;00	92	10,00	0	0*	0	0,
288	93	30,00	93	20,00	93	20,00	92	10,00	0	0*	0	0,
291	93	20,00	93	20,00	92	10;00	92	10,00	0	0*	0	0,
294	93	20,00	93	20,00	92	10;00	92	10,00	0	0*	0	0,
297	93	20,00	93	20,00	92	10;00	92	10,00	0	0*	0	0,
300	93	20,00	93	10,00	92	10,00	92	10,00	0	0*	0	0,
303	93	10,00	93	10,00	92	10,00	92	10,00	0	0*	0	0,
306	93	10,00	93	10,00	92	10;00	92	10,00	0	0*	0	0,

TABLE 36 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
309	93	10,00	93	10,00	92	10,00	92	10,00	0	0%	0	0,
312	92	10,00	92	10,00	92	0%	92	0,	0	0%	0	0,
315	92	10,00	92	0,	92	0,	91	0,	0	0%	0	0,
318	92	0,	91	0,	91	0%	91	0,	0	0%	0	0,
321	91	0,	91	0,	91	0,	90	0,	0	0%	0	0,
324	91	0,	91	0,	90	0%	90	0,	0	0%	0	0,
327	91	0,	90	0,	90	0%	90	0,	0	0%	0	0,
330	90	0,	90	0,	90	0%	90	0,	0	0%	0	0,
333	90	0,	90	0,	90	0%	90	0,	0	0%	0	0,
336	90	0,	90	0,	90	0%	89	0,	0	0%	0	0,
339	90	0,	90	0,	89	0%	89	0,	0	0%	0	0,
342	90	0,	89	0,	89	0,	89	0,	0	0%	0	0,
345	90	0,	89	0,	89	0%	89	0,	0	0%	0	0,
348	89	0,	89	0,	89	0%	89	0,	0	0%	0	0,
351	89	0,	89	0,	89	0%	89	0,	0	0%	0	0,
354	89	0,	89	0,	89	0%	89	0,	0	0%	0	0,
357	89	0,	89	0,	89	0,	88	0,	0	0%	0	0,
360	89	0,	89	0,	89	0%	88	0,	0	0%	0	0,
AVERAGE SHIELDING		2,33		1,75		1,00		0,83		0%		0,
AVERAGE TARGET CONTACT ANGLE		90		90		90		89	0		0	

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 36

SHIELDING OF TARGET AT POSITION A

RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	89	0,	89	0,	89	0,	88	0,	0	0,	0	0,
5	89	10,00	89	0,	88	0,	88	0,	0	0,	0	0,
7	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
10	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
12	88	0,	88	0,	88	0,	88	0,	0	0,	0	0,
15	88	0,	89	0,	88	0,	88	0,	0	0,	0	0,
18	88	0,	88	0,	88	0,	88	0,	0	0,	0	0,
20	88	0,	88	0,	88	0,	88	0,	0	0,	0	0,
23	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
25	88	10,00	88	0,	88	0,	87	0,	0	0,	0	0,
28	0	100,00	88	20,00	88	0,	88	0,	0	0,	0	0,
30	88	30,00	88	0,	88	0,	87	0,	0	0,	0	0,
33	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
36	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
38	88	0,	87	0,	87	0,	87	0,	0	0,	0	0,
41	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
43	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
46	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
48	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
51	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
54	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
56	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
59	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
61	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
64	88	0,	87	0,	87	0,	87	0,	0	0,	0	0,
66	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
69	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
72	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
74	88	0,	88	0,	88	0,	88	0,	0	0,	0	0,
77	88	0,	88	0,	88	0,	88	0,	0	0,	0	0,
79	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
82	89	10,00	89	0,	88	0,	88	0,	0	0,	0	0,
84	88	0,	88	0,	88	0,	88	0,	0	0,	0	0,
87	88	0,	88	0,	88	0,	88	0,	0	0,	0	0,

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
90	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
92	89	0,	89	0,	89	0,	88	0,	0	0,	0	0,
95	89	10,00	89	0,	89	0,	89	0,	0	0,	0	0,
97	90	10,00	98	0,	89	0,	89	0,	0	0,	0	0,
100	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
102	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
105	90	0,	98	0,	90	0,	90	0,	0	0,	0	0,
108	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
110	90	0,	98	0,	90	0,	90	0,	0	0,	0	0,
113	90	0,	98	0,	90	0,	90	0,	0	0,	0	0,
115	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
118	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
120	91	0,	98	0,	90	0,	90	0,	0	0,	0	0,
123	90	0,	98	0,	90	0,	90	0,	0	0,	0	0,
126	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
128	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
131	90	0,	98	0,	90	0,	90	0,	0	0,	0	0,
133	90	0,	98	0,	90	0,	90	0,	0	0,	0	0,
136	90	0,	98	0,	90	0,	90	0,	0	0,	0	0,
138	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
141	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
144	90	0,	98	0,	90	0,	89	0,	0	0,	0	0,
146	90	0,	98	0,	89	0,	89	0,	0	0,	0	0,
149	90	0,	98	0,	89	0,	89	0,	0	0,	0	0,
151	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
154	90	0,	89	0,	89	0,	89	0,	0	0,	0	0,
156	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
159	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
162	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
164	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
167	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
169	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
172	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
174	89	0,	89	0,	89	0,	88	0,	0	0,	0	0,

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 18 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 8 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
177	89	0,	89	0,	89	0,	88	0,	0	0*	0	0,
180	89	0,	89	0,	89	0,	88	0,	0	0*	0	0,
182	89	0,	89	0,	89	0,	88	0,	0	0*	0	0,
185	89	0,	89	0,	89	0,	88	0,	0	0*	0	0,
187	89	0,	89	0,	89	0,	89	0,	0	0*	0	0,
190	89	0,	89	0,	89	0,	89	0,	0	0*	0	0,
192	89	0,	89	0,	89	0,	89	0,	0	0*	0	0,
195	89	0,	89	0,	89	0,	89	0,	0	0*	0	0,
198	89	0,	89	0,	89	0,	89	0,	0	0*	0	0,
200	89	0,	89	0,	89	0,	89	0,	0	0*	0	0,
203	89	0,	89	0,	89	0,	89	0,	0	0*	0	0,
205	90	0,	89	0,	89	0,	89	0,	0	0*	0	0,
208	90	0,	90	0,	89	0,	89	0,	0	0*	0	0,
210	90	0,	90	0,	89	0,	89	0,	0	0*	0	0,
213	90	0,	90	0,	90	0,	89	0,	0	0*	0	0,
216	90	0,	90	0,	90	0,	89	0,	0	0*	0	0,
218	90	0,	90	0,	90	0,	90	0,	0	0*	0	0,
221	90	0,	90	0,	90	0,	90	0,	0	0*	0	0,
223	90	0,	90	0,	90	0,	90	0,	0	0*	0	0,
226	91	0,	90	0,	90	0,	90	0,	0	0*	0	0,
228	91	0,	91	0,	90	0,	90	0,	0	0*	0	0,
231	91	0,	91	0,	91	0,	90	0,	0	0*	0	0,
234	91	0,	91	0,	91	0,	90	0,	0	0*	0	0,
236	91	0,	91	0,	91	0,	91	0,	0	0*	0	0,
239	91	0,	91	0,	91	0,	91	0,	0	0*	0	0,
241	91	0,	91	0,	91	0,	91	0,	0	0*	0	0,
244	92	0,	91	0,	91	0,	91	0,	0	0*	0	0,
246	92	0,	92	0,	91	0,	91	0,	0	0*	0	0,
249	92	0,	92	0,	91	0,	91	0,	0	0*	0	0,
252	92	0,	92	0,	92	0,	91	0,	0	0*	0	0,
254	92	0,	92	0,	92	0,	91	0,	0	0*	0	0,
257	92	0,	92	0,	91	0,	91	0,	0	0*	0	0,
259	92	0,	91	0,	91	0,	91	0,	0	0*	0	0,
262	91	0,	91	0,	91	0,	91	0,	0	0*	0	0,

TABLE 36 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
264	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
267	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
270	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
272	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
275	91	10,00	91	0,	90	0,	90	0,	0	0,	0	0,
277	92	40,00	92	30,00	91	10,00	91	0,	0	0,	0	0,
280	93	40,00	92	30,00	92	20,00	91	10,00	0	0,	0	0,
282	93	30,00	92	20,00	92	20,00	92	10,00	0	0,	0	0,
285	93	20,00	92	20,00	92	10,00	92	10,00	0	0,	0	0,
288	93	20,00	92	20,00	92	10,00	92	10,00	0	0,	0	0,
290	93	20,00	92	10,00	92	10,00	92	10,00	0	0,	0	0,
293	92	10,00	92	10,00	92	10,00	92	10,00	0	0,	0	0,
295	92	10,00	92	10,00	92	10,00	92	10,00	0	0,	0	0,
298	92	10,00	92	10,00	92	10,00	92	0,	0	0,	0	0,
300	92	10,00	92	10,00	92	0,	92	0,	0	0,	0	0,
303	92	10,00	92	10,00	92	10,00	92	0,	0	0,	0	0,
306	92	10,00	92	10,00	92	10,00	92	10,00	0	0,	0	0,
308	92	10,00	92	10,00	92	10,00	92	10,00	0	0,	0	0,
311	92	10,00	92	10,00	92	0,	92	0,	0	0,	0	0,
313	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
316	92	0,	91	0,	91	0,	91	0,	0	0,	0	0,
318	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
321	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
324	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
326	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
329	91	10,00	90	0,	90	0,	90	0,	0	0,	0	0,
331	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
334	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
336	90	10,00	90	0,	90	0,	90	0,	0	0,	0	0,
339	90	10,00	90	0,	90	0,	89	0,	0	0,	0	0,
342	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
344	90	0,	89	0,	89	0,	89	0,	0	0,	0	0,
347	90	0,	89	0,	89	0,	89	0,	0	0,	0	0,
349	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,

Sh 19 of 25

TABLE 36 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
352	89	0,	89	0,	89	0,	89	0,	0	0%	0	0,
354	89	0,	89	0,	89	0,	89	0,	0	0%	0	0,
357	89	0,	89	0,	89	0,	89	0,	0	0%	0	0,
360	89	0,	89	0,	89	0,	88	0,	0	0%	0	0,
AVERAGE SHIELDING		3,36		1,64		1,00		0,64		0%		0,
AVERAGE TARGET CONTACT ANGLE		90		90		89		89		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 3/8

SHIELDING OF TARGET AT POSITION A

RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARSET CONTACT ANGLE DEG	HEIGHT BF BURST 0 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 0 CM
2	90	50,00	89	20,00	89	0,	89	0,	0	0,	0	0,
4	91	90,00	90	50,00	89	10,00	89	0,	0	0,	0	0,
6	0	100,00	91	90,00	89	30,00	89	0,	0	0,	0	0,
9	0	100,00	0	100,00	90	70,00	89	20,00	0	0,	0	0,
11	0	100,00	0	100,00	0	100,00	90	60,00	0	0,	0	0,
13	0	100,00	0	100,00	0	100,00	90	80,00	0	0,	0	0,
15	0	100,00	0	100,00	0	100,00	89	30,00	0	0,	0	0,
18	0	100,00	0	100,00	89	20,00	88	0,	0	0,	0	0,
20	0	100,00	89	50,00	88	0,	88	0,	0	0,	0	0,
22	90	80,00	88	20,00	88	0,	88	0,	0	0,	0	0,
24	88	30,00	88	0,	88	0,	87	0,	0	0,	0	0,
27	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
29	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
31	88	0,	87	0,	87	0,	87	0,	0	0,	0	0,
33	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
36	88	0,	87	0,	87	0,	87	0,	0	0,	0	0,
38	88	20,00	87	0,	87	0,	87	0,	0	0,	0	0,
40	88	20,00	87	0,	87	0,	87	0,	0	0,	0	0,
42	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
45	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
47	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
49	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
51	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
54	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
56	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
58	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
60	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
63	88	0,	87	0,	87	0,	87	0,	0	0,	0	0,
65	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
67	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
69	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
72	88	0,	88	0,	88	0,	88	0,	0	0,	0	0,
74	88	0,	88	0,	88	0,	88	0,	0	0,	0	0,
76	88	0,	88	0,	88	0,	88	0,	0	0,	0	0,

TABLE 3 36 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
78	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
81	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
83	89	10,00	89	0,	88	0,	88	0,	0	0,	0	0,
85	88	0,	88	0,	88	0,	88	0,	0	0,	0	0,
87	88	0,	88	0,	88	0,	88	0,	0	0,	0	0,
90	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
92	89	0,	89	0,	89	0,	88	0,	0	0,	0	0,
94	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
96	90	30,00	90	10,00	89	0,	89	0,	0	0,	0	0,
99	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
101	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
103	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
105	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
108	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
110	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
112	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
114	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
117	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
119	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
121	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
123	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
126	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
128	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
130	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
132	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
135	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
137	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
139	90	0,	89	0,	89	0,	89	0,	0	0,	0	0,
141	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
144	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
146	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
148	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
150	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
153	89	0,	89	0,	89	0,	88	0,	0	0,	0	0,

TABLE 36 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 0 CM
155	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
157	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
159	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
162	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
164	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
166	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
168	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
171	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
173	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
175	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
177	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
180	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
182	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
184	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
186	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
189	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
191	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
193	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
195	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
198	89	10.00	89	0.	89	0.	89	0.	0	0.	0	0.
200	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
202	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
204	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
207	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
209	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
211	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
213	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
216	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
218	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
220	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
222	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
225	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
227	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
229	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.

TABLE 3/5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
231	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
234	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
236	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
238	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
240	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
243	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
245	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
247	92	0,	91	0,	91	0,	91	0,	0	0,	0	0,
249	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
252	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
254	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
256	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
258	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
261	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
263	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
265	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
267	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
270	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
272	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
274	91	20,00	91	0,	91	0,	90	0,	0	0,	0	0,
276	92	50,00	92	30,00	91	20,00	91	0,	0	0,	0	0,
279	92	40,00	92	30,00	92	20,00	91	10,00	0	0,	0	0,
281	92	30,00	92	30,00	92	20,00	92	20,00	0	0,	0	0,
283	92	20,00	92	20,00	92	10,00	92	10,00	0	0,	0	0,
285	92	20,00	92	20,00	92	10,00	92	10,00	0	0,	0	0,
288	92	20,00	92	20,00	92	10,00	92	10,00	0	0,	0	0,
290	92	10,00	92	10,00	92	10,00	92	10,00	0	0,	0	0,
292	92	10,00	92	10,00	92	10,00	92	10,00	0	0,	0	0,
294	92	10,00	92	10,00	92	10,00	92	10,00	0	0,	0	0,
297	92	10,00	92	10,00	92	10,00	92	0,	0	0,	0	0,
299	92	10,00	92	10,00	92	10,00	92	0,	0	0,	0	0,
301	93	30,00	92	10,00	92	10,00	92	10,00	0	0,	0	0,
303	93	20,00	92	10,00	92	10,00	92	10,00	0	0,	0	0,
306	92	10,00	92	10,00	92	10,00	92	10,00	0	0,	0	0,

TABLE 36 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
308	92	10,00	92	10,00	92	10,00	92	0,	0	0%	0	0,
310	92	0,	92	0,	92	0%	91	0,	0	0%	0	0,
312	92	0,	91	0,	91	0,	91	0,	0	0%	0	0,
315	91	0,	91	0,	91	0%	91	0,	0	0%	0	0,
317	91	0,	91	0,	91	0%	91	0,	0	0%	0	0,
319	91	0,	91	0,	91	0%	91	0,	0	0%	0	0,
321	91	0,	91	0,	91	0%	90	0,	0	0%	0	0,
324	91	0,	91	0,	91	0,	90	0,	0	0%	0	0,
326	91	0,	91	0,	90	0%	90	0,	0	0%	0	0,
328	91	10,00	90	0,	90	0,	90	0,	0	0%	0	0,
330	90	10,00	90	0,	90	0%	90	0,	0	0%	0	0,
333	90	10,00	90	0,	90	0,	90	0,	0	0%	0	0,
335	90	10,00	90	0,	90	0%	90	0,	0	0%	0	0,
337	90	10,00	90	0,	90	0%	90	0,	0	0%	0	0,
339	90	10,00	90	0,	90	0%	89	0,	0	0%	0	0,
342	90	10,00	90	0,	89	0%	89	0,	0	0%	0	0,
344	90	10,00	90	0,	89	0,	89	0,	0	0%	0	0,
346	90	0,	89	0,	89	0%	89	0,	0	0%	0	0,
348	89	10,00	89	0,	89	0,	89	0,	0	0%	0	0,
351	89	10,00	89	0,	89	0,	89	0,	0	0%	0	0,
353	89	10,00	89	0,	89	0%	89	0,	0	0%	0	0,
355	89	10,00	89	0,	89	0%	89	0,	0	0%	0	0,
357	89	20,00	89	0,	89	0%	89	0,	0	0%	0	0,
360	89	20,00	89	0,	89	0%	89	0,	0	0%	0	0,
AVERAGE SHIELDING		9,50		6,12		3,81		1,94		0%		0,
AVERAGE TARGET CONTACT ANGLE		90		90		89		89		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 8

SHIELDING OF TARGET AT POSITION B

RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
18	92	10,00	91	10,00	90	0,	88	0,	0	0%	0	0,
36	90	0,	90	0,	88	0,	87	0,	0	0%	0	0,
54	89	0,	88	0,	87	0,	85	0,	0	0%	0	0,
72	89	0,	88	0,	87	0,	85	0,	0	0%	0	0,
90	91	0,	90	0,	88	0%	87	0,	0	0%	0	0,
108	91	0,	90	0,	89	0,	87	0,	0	0%	0	0,
126	95	0,	94	0,	92	0%	91	0,	0	0%	0	0,
144	97	0,	96	0,	95	0%	93	0,	0	0%	0	0,
162	99	10,00	98	0,	97	0,	96	0,	0	0%	0	0,
180	91	0,	90	0,	88	0,	87	0,	0	0%	0	0,
198	100	10,00	100	10,00	98	0%	97	0,	0	0%	0	0,
216	99	10,00	98	0,	97	0,	95	0,	0	0%	0	0,
234	97	10,00	96	0,	95	0,	93	0,	0	0%	0	0,
252	93	0,	92	0,	91	0%	90	0,	0	0%	0	0,
270	92	0,	91	0,	89	0%	88	0,	0	0%	0	0,
288	91	0,	91	0,	89	0,	88	0,	0	0%	0	0,
306	91	0,	90	0,	89	0%	87	0,	0	0%	0	0,
324	92	0,	91	0,	89	0%	88	0,	0	0%	0	0,
342	95	20,00	92	10,00	91	0%	89	0,	0	0%	0	0,
360	97	30,00	92	10,00	91	0,	89	0,	0	0%	0	0,
AVERAGE SHIELDING		9,00		2,00		0%		0,		0%		0,
AVERAGE TARGET CONTACT ANGLE		94		92		91		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE NO. 2

TABLE 37 (1 OF 25)

AZIMUTH DEG	ANGLE* DEG	BURST* 10 CM	ANGLE DEG	BURST 25 CM	ANGLE DEG	BURST 50 CM	ANGLE DEG	BURST 75 CM	ANGLE DEG	BURST 0 CM	ANGLE DEG	BURST 0 CM
9	94	20,00	93	10,00	92	10,00	92	10,00	0	0%	0	0,
18	94	20,00	93	10,00	92	10,00	91	10,00	0	0%	0	0,
27	94	20,00	93	20,00	92	10,00	91	10,00	0	0%	0	0,
36	93	20,00	93	20,00	91	10,00	91	0,	0	0%	0	0,
45	92	20,00	91	10,00	90	10,00	90	0,	0	0%	0	0,
54	92	20,00	90	10,00	90	0,	89	0,	0	0%	0	0,
63	89	0,	89	0,	88	0,	87	0,	0	0%	0	0,
72	89	0,	88	0,	88	0,	87	0,	0	0%	0	0,
81	89	0,	88	0,	88	0,	87	0,	0	0%	0	0,
90	90	0,	90	0,	89	0,	88	0,	0	0%	0	0,
99	90	0,	89	0,	89	0,	88	0,	0	0%	0	0,
108	91	0,	91	0,	90	0,	90	0,	0	0%	0	0,
117	93	0,	93	0,	92	0,	91	0,	0	0%	0	0,
126	94	0,	94	0,	93	0,	92	0,	0	0%	0	0,
135	95	0,	94	0,	94	0,	93	0,	0	0%	0	0,
144	95	0,	95	0,	94	0,	93	0,	0	0%	0	0,
153	96	0,	95	0,	95	0,	94	0,	0	0%	0	0,
162	96	0,	95	0,	95	0,	94	0,	0	0%	0	0,
171	96	0,	95	0,	95	0,	94	0,	0	0%	0	0,
180	96	0,	96	0,	95	0,	94	0,	0	0%	0	0,
189	96	0,	96	0,	95	0,	94	0,	0	0%	0	0,
198	96	0,	96	0,	95	0,	95	0,	0	0%	0	0,
207	97	0,	96	0,	95	0,	95	0,	0	0%	0	0,
216	97	0,	97	0,	96	0,	96	0,	0	0%	0	0,
225	98	10,00	97	10,00	97	0,	96	0,	0	0%	0	0,
234	98	10,00	97	10,00	96	0,	96	0,	0	0%	0	0,
243	96	10,00	95	10,00	95	0,	94	0,	0	0%	0	0,
252	94	0,	93	0,	93	0,	92	0,	0	0%	0	0,
261	92	0,	92	0,	91	0,	90	0,	0	0%	0	0,
270	91	0,	91	0,	90	0,	89	0,	0	0%	0	0,
279	91	0,	91	0,	90	0,	89	0,	0	0%	0	0,
288	91	0,	91	0,	90	0,	89	0,	0	0%	0	0,
297	93	20,00	92	10,00	91	0,	90	0,	0	0%	0	0,
306	95	30,00	94	20,00	92	10,00	92	0,	0	0%	0	0,

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
315	96	30,00	95	20,00	93	10,00	92	10,00	0	0%	0	0%
324	96	30,00	96	30,00	94	20,00	93	10,00	0	0%	0	0%
333	96	20,00	95	20,00	94	10,00	93	10,00	0	0%	0	0%
342	95	20,00	95	20,00	93	10,00	93	10,00	0	0%	0	0%
351	95	20,00	95	20,00	93	10,00	92	10,00	0	0%	0	0%
360	95	20,00	93	10,00	93	10,00	92	10,00	0	0%	0	0%
AVERAGE SHIELDING		8,50		6,50		3,25		2,25		0%		0%
AVERAGE TARGET CONTACT ANGLE		94		93		92		92		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 37

SHIELDING OF TARGET AT POSITION B
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 18 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
6	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
12	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
18	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
24	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
30	91	0,	90	0,	90	0,	89	0,	0	0,	0	0,
36	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
42	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
48	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
54	90	0,	89	0,	89	0,	88	0,	0	0,	0	0,
60	89	0,	89	0,	89	0,	88	0,	0	0,	0	0,
66	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
72	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
78	89	0,	88	0,	88	0,	87	0,	0	0,	0	0,
84	89	0,	88	0,	88	0,	87	0,	0	0,	0	0,
90	89	0,	88	0,	88	0,	87	0,	0	0,	0	0,
96	89	0,	89	0,	89	0,	88	0,	0	0,	0	0,
102	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
108	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
114	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
120	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
126	93	0,	92	0,	92	0,	92	0,	0	0,	0	0,
132	93	0,	93	0,	92	0,	92	0,	0	0,	0	0,
138	93	0,	93	0,	92	0,	92	0,	0	0,	0	0,
144	93	0,	93	0,	93	0,	92	0,	0	0,	0	0,
150	93	0,	93	0,	93	0,	92	0,	0	0,	0	0,
156	93	0,	93	0,	93	0,	92	0,	0	0,	0	0,
162	94	0,	93	0,	93	0,	92	0,	0	0,	0	0,
168	94	0,	93	0,	93	0,	92	0,	0	0,	0	0,
174	94	0,	93	0,	93	0,	92	0,	0	0,	0	0,
180	94	0,	93	0,	93	0,	92	0,	0	0,	0	0,
186	94	0,	93	0,	93	0,	92	0,	0	0,	0	0,
192	94	0,	93	0,	93	0,	92	0,	0	0,	0	0,
198	94	0,	93	0,	93	0,	93	0,	0	0,	0	0,
204	94	0,	94	0,	93	0,	93	0,	0	0,	0	0,

Ch 1 of 25

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 19 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
210	94	0,	94	0,	93	0,	93	0,	0	0%	0	0,
216	94	0,	94	0,	94	0%	93	0,	0	0%	0	0,
222	95	0,	94	0,	94	0,	93	0,	0	0%	0	0,
228	95	0,	94	0,	94	0,	93	0,	0	0%	0	0,
234	95	0,	95	0,	94	0,	94	0,	0	0%	0	0,
240	96	10,00	95	10,00	95	0,	95	0,	0	0%	0	0,
246	95	10,00	95	10,00	94	0,	94	0,	0	0%	0	0,
252	94	10,00	94	0,	93	0,	93	0,	0	0%	0	0,
258	92	0,	92	0,	92	0,	91	0,	0	0%	0	0,
264	91	0,	91	0,	91	0,	90	0,	0	0%	0	0,
270	91	0,	91	0,	90	0,	90	0,	0	0%	0	0,
276	91	0,	91	0,	90	0,	90	0,	0	0%	0	0,
282	91	0,	91	0,	90	0,	90	0,	0	0%	0	0,
288	92	20,00	92	10,00	91	0,	91	0,	0	0%	0	0,
294	94	40,00	94	30,00	92	10,00	92	0,	0	0%	0	0,
300	94	30,00	94	30,00	93	20,00	92	10,00	0	0%	0	0,
306	94	20,00	94	20,00	93	20,00	92	10,00	0	0%	0	0,
312	94	20,00	94	20,00	93	10,00	92	10,00	0	0%	0	0,
318	93	10,00	93	10,00	92	10,00	92	10,00	0	0%	0	0,
324	93	10,00	93	10,00	92	10,00	92	0,	0	0%	0	0,
330	93	10,00	92	10,00	92	0,	92	0,	0	0%	0	0,
336	92	10,00	92	10,00	92	0%	91	0,	0	0%	0	0,
342	92	10,00	92	0,	91	0,	91	0,	0	0%	0	0,
348	92	0,	91	0,	91	0%	90	0,	0	0%	0	0,
354	92	0,	91	0,	91	0,	90	0,	0	0%	0	0,
360	91	0,	91	0,	91	0,	90	0,	0	0%	0	0,
AVERAGE SHIELDING		3,50		2,83		1,33		0,67		0%		0,
AVERAGE TARGET CONTACT ANGLE		92		92		91		91		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

Sh 5 of 25

TABLE 7

SHIELDING OF TARGET AT POSITION B
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
4	90	0,	89	0,	89	0,	89	0,	0	0,	0	0,
9	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
13	89	0,	89	0,	89	0,	88	0,	0	0,	0	0,
18	89	0,	89	0,	89	0,	88	0,	0	0,	0	0,
22	89	0,	89	0,	89	0,	88	0,	0	0,	0	0,
27	89	0,	89	0,	89	0,	88	0,	0	0,	0	0,
31	89	0,	89	0,	89	0,	88	0,	0	0,	0	0,
36	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
40	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
45	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
49	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
54	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
58	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
63	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
67	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
72	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
76	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
81	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
85	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
90	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
94	89	0,	89	0,	89	0,	88	0,	0	0,	0	0,
99	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
103	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
108	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
112	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
117	92	0,	91	0,	91	0,	91	0,	0	0,	0	0,
121	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
126	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
130	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
135	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
139	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
144	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
148	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
153	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 0 CM
157	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
162	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
166	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
171	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
175	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
180	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
184	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
189	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
193	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
198	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
202	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
207	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
211	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
216	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
220	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
225	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
229	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
234	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
238	94	0.	93	0.	93	0.	93	0.	0	0.	0	0.
243	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
247	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
252	94	0.	93	0.	93	0.	93	0.	0	0.	0	0.
256	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
261	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
265	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
270	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
274	91	0.	91	0.	90.	0.	90	0.	0	0.	0	0.
279	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
283	93	50.00	92	20.00	91	0.	91	0.	0	0.	0	0.
288	94	50.00	93	30.00	92	20.00	92	10.00	0	0.	0	0.
292	96	60.00	94	40.00	94	30.00	93	20.00	0	0.	0	0.
297	94	30.00	94	30.00	93	20.00	93	20.00	0	0.	0	0.
301	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
306	93	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.

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TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
310	92	10,00	92	10,00	92	0,	91	0,	0	0%	0	0,
315	92	10,00	92	0,	92	0,	91	0,	0	0%	0	0,
319	92	0,	92	0,	91	0,	91	0,	0	0%	0	0,
324	91	0,	91	0,	91	0,	90	0,	0	0%	0	0,
328	91	0,	91	0,	90	0,	90	0,	0	0%	0	0,
333	91	0,	90	0,	90	0,	90	0,	0	0%	0	0,
337	90	0,	90	0,	90	0,	90	0,	0	0%	0	0,
342	90	0,	90	0,	90	0,	89	0,	0	0%	0	0,
346	90	0,	90	0,	89	0,	89	0,	0	0%	0	0,
351	90	0,	90	0,	89	0,	89	0,	0	0%	0	0,
355	90	0,	90	0,	89	0,	89	0,	0	0%	0	0,
360	90	0,	89	0,	89	0,	89	0,	0	0%	0	0,
AVERAGE SHIELDING		3,25		2,00		1,12		0,75		0%		0,
AVERAGE TARGET CONTACT ANGLE		91		91		91		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 8

SHIELDING OF TARGET AT POSITION B

RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
7	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
10	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
14	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
18	88	0,	88	0,	88	0,	88	0,	0	0,	0	0,
21	88	0,	88	0,	88	0,	88	0,	0	0,	0	0,
25	88	0,	88	0,	88	0,	88	0,	0	0,	0	0,
28	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
32	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
36	88	0,	88	0,	88	0,	88	0,	0	0,	0	0,
39	88	0,	88	0,	88	0,	88	0,	0	0,	0	0,
43	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
46	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
50	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
54	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
57	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
61	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
64	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
68	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
72	88	0,	88	0,	88	0,	88	0,	0	0,	0	0,
75	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
79	89	10,00	89	0,	88	0,	88	0,	0	0,	0	0,
82	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
86	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
90	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
93	89	0,	89	0,	89	0,	88	0,	0	0,	0	0,
97	90	10,00	89	0,	89	0,	89	0,	0	0,	0	0,
100	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
104	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
108	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
111	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
115	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
118	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
122	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 19 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
126	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
129	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
133	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
136	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
140	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
144	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
147	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
151	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
154	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
158	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
162	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
165	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
169	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
172	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
176	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
180	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
183	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
187	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
190	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
194	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
198	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
201	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
205	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
208	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
212	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
216	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
219	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
223	92	0,	91	0,	91	0,	91	0,	0	0,	0	0,
226	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
230	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
234	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
237	92	0,	92	0,	92	0,	92	0,	0	0,	0	0,
241	93	0,	92	0,	92	0,	92	0,	0	0,	0	0,
244	93	0,	93	0,	92	0,	92	0,	0	0,	0	0,

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 0 CM
248	93	0,	93	0,	92	0,	92	0,	0	0%	0	0,
252	93	0,	93	0,	92	0,	92	0,	0	0%	0	0,
255	92	0,	92	0,	92	0,	92	0,	0	0%	0	0,
259	92	0,	92	0,	91	0,	91	0,	0	0%	0	0,
262	91	0,	91	0,	91	0,	91	0,	0	0%	0	0,
266	91	0,	91	0,	90	0,	90	0,	0	0%	0	0,
270	91	0,	91	0,	90	0,	90	0,	0	0%	0	0,
273	91	0,	91	0,	90	0,	90	0,	0	0%	0	0,
277	91	0,	91	0,	90	0,	90	0,	0	0%	0	0,
280	92	30,00	92	20,00	91	0,	91	0,	0	0%	0	0,
284	94	50,00	93	40,00	92	20,00	92	10,00	0	0%	0	0,
288	96	80,00	95	60,00	94	50,00	93	30,00	0	0%	0	0,
291	0	100,00	96	80,00	95	60,00	94	40,00	0	0%	0	0,
295	97	80,00	96	60,00	95	40,00	94	30,00	0	0%	0	0,
298	0	100,00	0	100,00	94	30,00	93	20,00	0	0%	0	0,
302	0	100,00	96	50,00	93	20,00	93	10,00	0	0%	0	0,
306	93	30,00	92	10,00	92	10,00	92	10,00	0	0%	0	0,
309	92	10,00	92	0,	91	0,	91	0,	0	0%	0	0,
313	91	0,	91	0,	91	0,	91	0,	0	0%	0	0,
316	91	0,	91	0,	91	0,	90	0,	0	0%	0	0,
320	91	0,	91	0,	90	0,	90	0,	0	0%	0	0,
324	90	0,	90	0,	90	0,	90	0,	0	0%	0	0,
327	90	0,	90	0,	90	0,	90	0,	0	0%	0	0,
331	90	0,	90	0,	90	0,	89	0,	0	0%	0	0,
334	90	0,	90	0,	89	0,	89	0,	0	0%	0	0,
338	90	0,	90	0,	89	0,	89	0,	0	0%	0	0,
342	90	0,	89	0,	89	0,	89	0,	0	0%	0	0,
345	89	0,	89	0,	89	0,	89	0,	0	0%	0	0,
349	89	0,	89	0,	89	0,	89	0,	0	0%	0	0,
352	89	0,	89	0,	89	0,	88	0,	0	0%	0	0,
356	89	0,	89	0,	89	0,	88	0,	0	0%	0	0,
360	89	0,	89	0,	88	0,	88	0,	0	0%	0	0,
AVERAGE SHIELDING		6,00		4,20		2,30		1,90		0%		0,
AVERAGE TARGET CONTACT ANGLE		90		90		90		90		0		0

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8

SHIELDING OF TARGET AT POSITION B
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 18 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	89	0,	88	0,	88	0,	88	0,	0	0*	0	0,
6	88	0,	88	0,	88	0,	88	0,	0	0*	0	0,
9	88	0,	88	0,	88	0,	88	0,	0	0*	0	0,
12	88	0,	88	0,	88	0,	88	0,	0	0*	0	0,
15	88	0,	88	0,	88	0,	87	0,	0	0*	0	0,
18	88	0,	88	0,	88	0,	87	0,	0	0*	0	0,
21	88	0,	88	0,	87	0,	87	0,	0	0*	0	0,
24	88	0,	88	0,	87	0,	87	0,	0	0*	0	0,
27	88	0,	88	0,	87	0,	87	0,	0	0*	0	0,
30	88	0,	88	0,	87	0,	87	0,	0	0*	0	0,
33	88	0,	87	0,	87	0,	87	0,	0	0*	0	0,
36	88	0,	87	0,	87	0,	87	0,	0	0*	0	0,
39	87	0,	87	0,	87	0,	87	0,	0	0*	0	0,
42	87	0,	87	0,	87	0,	87	0,	0	0*	0	0,
45	87	0,	87	0,	87	0,	87	0,	0	0*	0	0,
48	87	0,	87	0,	87	0,	87	0,	0	0*	0	0,
51	87	0,	87	0,	87	0,	87	0,	0	0*	0	0,
54	87	0,	87	0,	87	0,	87	0,	0	0*	0	0,
57	87	0,	87	0,	87	0,	87	0,	0	0*	0	0,
60	87	0,	87	0,	87	0,	87	0,	0	0*	0	0,
63	88	0,	87	0,	87	0,	87	0,	0	0*	0	0,
66	88	0,	88	0,	87	0,	87	0,	0	0*	0	0,
69	88	0,	88	0,	88	0,	87	0,	0	0*	0	0,
72	88	0,	88	0,	88	0,	88	0,	0	0*	0	0,
75	88	0,	88	0,	88	0,	88	0,	0	0*	0	0,
78	89	0,	89	0,	88	0,	88	0,	0	0*	0	0,
81	89	18.00	89	0,	88	0,	88	0,	0	0*	0	0,
84	88	0,	88	0,	88	0,	88	0,	0	0*	0	0,
87	89	0,	88	0,	88	0,	88	0,	0	0*	0	0,
90	89	0,	88	0,	88	0,	88	0,	0	0*	0	0,
93	89	0,	89	0,	89	0,	88	0,	0	0*	0	0,
96	89	0,	89	0,	89	0,	89	0,	0	0*	0	0,
99	90	18.00	90	0,	90	0,	89	0,	0	0*	0	0,
102	90	0,	90	0,	90	0,	90	0,	0	0*	0	0,

TABLE 37 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
105	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
108	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
111	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
114	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
117	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
120	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
123	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
126	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
129	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
132	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
135	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
138	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
141	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
144	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
147	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
150	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
153	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
156	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
159	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
162	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
165	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
168	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
171	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
174	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
177	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
180	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
183	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
186	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
189	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
192	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
195	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
198	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
201	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
204	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.

TABLE 37 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE, DEG	HEIGHT OF BURST, 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
207	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
210	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
213	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
216	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
219	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
222	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
225	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
228	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
231	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
234	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
237	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
240	92	0,	91	0,	91	0,	91	0,	0	0,	0	0,
243	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
246	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
249	92	0,	92	0,	92	0,	92	0,	0	0,	0	0,
252	92	0,	92	0,	92	0,	92	0,	0	0,	0	0,
255	92	0,	92	0,	92	0,	92	0,	0	0,	0	0,
258	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
261	92	0,	91	0,	91	0,	91	0,	0	0,	0	0,
264	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
267	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
270	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
273	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
276	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
279	92	30,00	91	10,00	91	0,	91	0,	0	0,	0	0,
282	92	30,00	92	20,00	92	20,00	91	10,00	0	0,	0	0,
285	93	40,00	93	30,00	92	20,00	92	20,00	0	0,	0	0,
288	93	30,00	93	30,00	93	20,00	92	20,00	0	0,	0	0,
291	93	30,00	93	30,00	93	20,00	93	20,00	0	0,	0	0,
294	94	30,00	94	30,00	93	20,00	93	20,00	0	0,	0	0,
297	94	30,00	93	20,00	93	20,00	93	20,00	0	0,	0	0,
300	94	20,00	94	20,00	93	20,00	93	20,00	0	0,	0	0,
303	95	80,00	95	60,00	93	20,00	93	20,00	0	0,	0	0,
306	94	60,00	94	40,00	93	10,00	92	10,00	0	0,	0	0,

TABLE 37 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 18 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
309	92	10.00	92	10.00	92	10.00	92	0%	0	0%	0	0%
312	91	0%	91	0%	91	0%	91	0%	0	0%	0	0%
315	91	0%	91	0%	91	0%	90	0%	0	0%	0	0%
318	91	0%	91	0%	90	0%	90	0%	0	0%	0	0%
321	91	0%	90	0%	90	0%	90	0%	0	0%	0	0%
324	90	0%	90	0%	90	0%	90	0%	0	0%	0	0%
327	90	0%	90	0%	90	0%	90	0%	0	0%	0	0%
330	90	0%	90	0%	90	0%	89	0%	0	0%	0	0%
333	90	0%	90	0%	89	0%	89	0%	0	0%	0	0%
336	90	0%	90	0%	89	0%	89	0%	0	0%	0	0%
339	90	0%	89	0%	89	0%	89	0%	0	0%	0	0%
342	89	0%	89	0%	89	0%	89	0%	0	0%	0	0%
345	89	0%	89	0%	89	0%	89	0%	0	0%	0	0%
348	89	0%	89	0%	89	0%	89	0%	0	0%	0	0%
351	89	0%	89	0%	89	0%	88	0%	0	0%	0	0%
354	89	0%	89	0%	89	0%	88	0%	0	0%	0	0%
357	89	0%	89	0%	88	0%	88	0%	0	0%	0	0%
360	89	0%	89	0%	88	0%	88	0%	0	0%	0	0%
AVERAGE SHIELDING		3.42		2.50		1.50		1.33		0%		0%
AVERAGE TARGET CONTACT ANGLE		90		90		90		89		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8

SHIELDING OF TARGET AT POSITION B

RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	89	10,00	89	0,	88	0,	88	0,	0	0,	0	0,
5	89	20,00	88	0,	88	0,	88	0,	0	0,	0	0,
7	88	10,00	88	0,	88	0,	88	0,	0	0,	0	0,
10	88	0,	88	0,	88	0,	88	0,	0	0,	0	0,
12	88	0,	88	0,	88	0,	88	0,	0	0,	0	0,
15	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
18	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
20	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
23	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
25	89	60,00	88	10,00	88	0,	87	0,	0	0,	0	0,
28	0	100,00	89	40,00	88	0,	87	0,	0	0,	0	0,
30	88	20,00	88	0,	87	0,	87	0,	0	0,	0	0,
33	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
36	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
38	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
41	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
43	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
46	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
48	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
51	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
54	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
56	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
59	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
61	88	0,	87	0,	87	0,	87	0,	0	0,	0	0,
64	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
66	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
69	86	0,	88	0,	88	0,	87	0,	0	0,	0	0,
72	88	0,	88	0,	88	0,	88	0,	0	0,	0	0,
74	88	0,	88	0,	88	0,	88	0,	0	0,	0	0,
77	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
79	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
82	89	10,00	89	0,	88	0,	88	0,	0	0,	0	0,
84	88	0,	88	0,	88	0,	88	0,	0	0,	0	0,
87	88	0,	88	0,	88	0,	88	0,	0	0,	0	0,

TABLE 37 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
90	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
92	89	0,	89	0,	89	0,	88	0,	0	0,	0	0,
95	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
97	90	28,00	90	10,00	90	0,	89	0,	0	0,	0	0,
100	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
102	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
105	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
108	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
110	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
113	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
115	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
118	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
120	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
123	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
126	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
128	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
131	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
133	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
136	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
138	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
141	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
144	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
146	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
149	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
151	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
154	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
156	90	0,	89	0,	89	0,	89	0,	0	0,	0	0,
159	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
162	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
164	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
167	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
169	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
172	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
174	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,

TABLE 37 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
177	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
180	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
182	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
185	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
187	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
190	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
192	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
195	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
198	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
200	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
203	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
205	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
208	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
210	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
213	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
216	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
218	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
221	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
223	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
226	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
228	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
231	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
234	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
236	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
239	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
241	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
244	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
246	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
249	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
252	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
254	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
257	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
259	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
262	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
264	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
267	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
270	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
272	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
275	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
277	92	40.00	91	20.00	91	0.	91	0.	0	0.	0	0.
280	93	40.00	92	20.00	92	20.00	91	10.00	0	0.	0	0.
282	93	30.00	93	30.00	92	20.00	92	20.00	0	0.	0	0.
285	93	30.00	93	30.00	92	20.00	92	20.00	0	0.	0	0.
288	93	20.00	92	20.00	92	10.00	92	10.00	0	0.	0	0.
290	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
293	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
295	93	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
298	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
300	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
303	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
306	92	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
308	92	10.00	92	10.00	92	0.	91	0.	0	0.	0	0.
311	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
313	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
316	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
318	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
321	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
324	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
326	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
329	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
331	90	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
334	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
336	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
339	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
342	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
344	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
347	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
349	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.

Sheet 25

TABLE 37 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
352	89	10.00	89	0.	89	0.	89	0.	0	0.	0	0.
354	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
357	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
360	89	20.00	89	0.	88	0.	88	0.	0	0.	0	0.
AVERAGE SHIELDING		4.07		2.00		1.00		0.86		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		89		89		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE X

SHIELDING OF TARGET AT POSITION B

RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	0	100,00	0	100,00	91	80,00	89	30,00	0	0,	0	0,
4	0	100,00	0	100,00	0	100,00	90	70,00	0	0,	0	0,
6	0	100,00	0	100,00	0	100,00	0	100,00	0	0,	0	0,
9	0	100,00	0	100,00	0	100,00	90	80,00	0	0,	0	0,
11	0	100,00	0	100,00	0	100,00	89	50,00	0	0,	0	0,
13	0	100,00	0	100,00	90	70,00	88	10,00	0	0,	0	0,
15	0	100,00	98	70,00	88	10,00	88	0,	0	0,	0	0,
18	89	70,00	88	30,00	88	0,	88	0,	0	0,	0	0,
20	89	40,00	88	0,	88	0,	87	0,	0	0,	0	0,
22	88	20,00	88	0,	87	0,	87	0,	0	0,	0	0,
24	88	20,00	88	0,	87	0,	87	0,	0	0,	0	0,
27	88	10,00	87	0,	87	0,	87	0,	0	0,	0	0,
29	88	0,	87	0,	87	0,	87	0,	0	0,	0	0,
31	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
33	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
36	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
38	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
40	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
42	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
45	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
47	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
49	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
51	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
54	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
56	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
58	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
60	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
63	88	0,	87	0,	87	0,	87	0,	0	0,	0	0,
65	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
67	88	10,00	88	0,	88	0,	87	0,	0	0,	0	0,
69	88	20,00	88	0,	88	0,	88	0,	0	0,	0	0,
72	88	20,00	88	0,	88	0,	88	0,	0	0,	0	0,
74	89	50,00	88	0,	88	0,	88	0,	0	0,	0	0,
76	89	30,00	89	0,	88	0,	88	0,	0	0,	0	0,

TABLE 37 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
78	89	20.00	89	0.	89	0.	88	0.	0	0.	0	0.
81	89	10.00	89	10.00	89	0.	88	0.	0	0.	0	0.
83	89	20.00	89	0.	88	0.	88	0.	0	0.	0	0.
85	88	0.	88	0.	88	0.	88	0.	0	0.	0	0.
87	88	0.	88	0.	88	0.	88	0.	0	0.	0	0.
90	89	0.	88	0.	88	0.	88	0.	0	0.	0	0.
92	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
94	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
96	90	10.00	90	0.	89	0.	89	0.	0	0.	0	0.
99	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
101	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
103	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
105	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
108	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
110	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
112	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
114	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
117	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
119	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
121	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
123	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
126	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
128	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
130	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
132	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
135	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
137	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
139	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
141	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
144	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
146	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
148	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
150	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
153	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
155	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
157	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
159	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
162	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
164	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
166	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
168	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
171	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
173	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
175	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
177	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
180	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
182	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
184	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
186	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
189	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
191	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
193	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
195	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
198	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
200	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
202	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
204	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
207	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
209	90	0.	98	0.	89	0.	89	0.	0	0.	0	0.
211	90	0.	98	0.	89	0.	89	0.	0	0.	0	0.
213	90	0.	98	0.	89	0.	89	0.	0	0.	0	0.
216	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
218	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
220	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
222	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
225	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
227	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
229	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 19 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
231	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
234	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
236	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
238	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
240	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
243	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
245	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
247	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
249	92	0,	91	0,	91	0,	91	0,	0	0,	0	0,
252	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
254	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
256	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
258	92	0,	91	0,	91	0,	91	0,	0	0,	0	0,
261	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
263	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
265	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
267	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
270	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
272	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
274	91	10,00	91	0,	91	0,	90	0,	0	0,	0	0,
276	92	40,00	92	30,00	91	10,00	91	0,	0	0,	0	0,
279	92	40,00	92	30,00	92	20,00	91	10,00	0	0,	0	0,
281	92	30,00	92	30,00	92	20,00	92	20,00	0	0,	0	0,
283	93	30,00	92	20,00	92	20,00	92	10,00	0	0,	0	0,
285	92	20,00	92	20,00	92	20,00	92	10,00	0	0,	0	0,
288	92	20,00	92	10,00	92	10,00	92	10,00	0	0,	0	0,
290	92	10,00	92	10,00	92	10,00	92	10,00	0	0,	0	0,
292	92	10,00	92	10,00	92	10,00	92	10,00	0	0,	0	0,
294	92	10,00	92	10,00	92	10,00	92	10,00	0	0,	0	0,
297	92	10,00	92	10,00	92	10,00	91	0,	0	0,	0	0,
299	92	10,00	92	10,00	92	10,00	92	10,00	0	0,	0	0,
301	93	50,00	92	10,00	92	10,00	92	10,00	0	0,	0	0,
303	92	10,00	92	10,00	92	10,00	92	10,00	0	0,	0	0,
306	92	10,00	92	10,00	92	10,00	92	0,	0	0,	0	0,

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 18 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
308	92	19.00	92	0.	92	0.	91	0.	0	0%	0	0.
310	91	0.	91	0.	91	0.	91	0.	0	0%	0	0.
312	91	0.	91	0.	91	0.	91	0.	0	0%	0	0.
315	91	19.00	91	0.	91	0.	91	0.	0	0%	0	0.
317	91	19.00	91	0.	91	0.	90	0.	0	0%	0	0.
319	91	19.00	91	0.	90	0.	90	0.	0	0%	0	0.
321	91	29.00	91	0.	90	0.	90	0.	0	0%	0	0.
324	91	29.00	90	0.	90	0.	90	0.	0	0%	0	0.
326	91	29.00	90	10.00	90	0.	90	0.	0	0%	0	0.
328	91	30.00	90	10.00	90	0.	90	0.	0	0%	0	0.
330	91	30.00	90	10.00	90	0.	90	0.	0	0%	0	0.
333	90	30.00	90	10.00	90	0.	90	0.	0	0%	0	0.
335	90	29.00	90	0.	90	0.	89	0.	0	0%	0	0.
337	90	29.00	90	0.	90	0.	89	0.	0	0%	0	0.
339	90	19.00	90	0.	89	0.	89	0.	0	0%	0	0.
342	90	19.00	89	0.	89	0.	89	0.	0	0%	0	0.
344	90	19.00	89	0.	89	0.	89	0.	0	0%	0	0.
346	90	29.00	89	0.	89	0.	89	0.	0	0%	0	0.
348	90	29.00	89	0.	89	0.	89	0.	0	0%	0	0.
351	89	29.00	89	10.00	89	0.	89	0.	0	0%	0	0.
353	90	30.00	89	10.00	89	0.	89	0.	0	0%	0	0.
355	90	60.00	90	30.00	89	10.00	89	0.	0	0%	0	0.
357	0	100.00	90	70.00	89	20.00	89	0.	0	0%	0	0.
360	0	100.00	0	100.00	90	50.00	89	20.00	0	0%	0	0.
AVERAGE SHIELDING		12.31		7.44		5.12		3.00		0%		0.
AVERAGE TARGET CONTACT ANGLE		90		90		89		89		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 38

SHIELDING OF TARGET AT POSITION C
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
18	94	10,00	93	0,	91	0,	90	0,	0	0%	0	0,
36	91	0,	90	0,	89	0,	87	0,	0	0%	0	0,
54	90	0,	89	0,	88	0,	87	0,	0	0%	0	0,
72	89	0,	88	0,	87	0,	86	0,	0	0%	0	0,
90	91	0,	90	0,	88	0,	87	0,	0	0%	0	0,
108	90	0,	89	0,	88	0,	87	0,	0	0%	0	0,
126	92	0,	91	0,	90	0,	89	0,	0	0%	0	0,
144	95	10,00	94	0,	92	0,	91	0,	0	0%	0	0,
162	97	10,00	96	10,00	95	0,	93	0,	0	0%	0	0,
180	91	0,	90	0,	88	0,	87	0,	0	0%	0	0,
198	93	10,00	97	10,00	95	0,	94	0,	0	0%	0	0,
216	97	10,00	96	0,	94	0,	93	0,	0	0%	0	0,
234	94	0,	93	0,	92	0,	90	0,	0	0%	0	0,
252	92	0,	91	0,	90	0,	89	0,	0	0%	0	0,
270	92	0,	91	0,	89	0,	88	0,	0	0%	0	0,
288	91	0,	91	0,	89	0,	88	0,	0	0%	0	0,
306	92	0,	91	0,	90	0,	88	0,	0	0%	0	0,
324	94	10,00	93	0,	92	0,	90	0,	0	0%	0	0,
342	95	10,00	94	10,00	93	0,	91	0,	0	0%	0	0,
360	96	20,00	94	10,00	92	0,	91	0,	0	0%	0	0,
AVERAGE SHIELDING		4,50		2,00		0,		0,		0,		0,
AVERAGE TARGET CONTACT ANGLE		93		92		91		89		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE NO. 2

TABLE 38 (Sheet 2 of 2)

TABLE 35

SHIELDING OF TARGET AT POSITION C

RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
9	93	0,	92	0,	92	0,	91	0,	0	0,	0	0,
18	92	0,	92	0,	91	0,	90	0,	0	0,	0	0,
27	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
36	91	0,	90	0,	90	0,	89	0,	0	0,	0	0,
45	90	0,	90	0,	89	0,	88	0,	0	0,	0	0,
54	90	0,	89	0,	89	0,	88	0,	0	0,	0	0,
63	90	0,	89	0,	89	0,	88	0,	0	0,	0	0,
72	89	0,	89	0,	88	0,	87	0,	0	0,	0	0,
81	89	0,	88	0,	88	0,	87	0,	0	0,	0	0,
90	90	0,	90	0,	89	0,	88	0,	0	0,	0	0,
99	89	0,	89	0,	88	0,	87	0,	0	0,	0	0,
108	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
117	92	10,00	91	0,	91	0,	90	0,	0	0,	0	0,
126	93	10,00	93	10,00	92	0,	91	0,	0	0,	0	0,
135	94	10,00	94	10,00	93	0,	92	0,	0	0,	0	0,
144	95	10,00	94	0,	94	0,	93	0,	0	0,	0	0,
153	95	0,	95	0,	94	0,	93	0,	0	0,	0	0,
162	96	10,00	95	0,	95	0,	94	0,	0	0,	0	0,
171	96	0,	96	0,	95	0,	94	0,	0	0,	0	0,
180	96	0,	96	0,	95	0,	94	0,	0	0,	0	0,
189	96	10,00	96	0,	95	0,	95	0,	0	0,	0	0,
198	97	10,00	96	0,	96	0,	95	0,	0	0,	0	0,
207	97	10,00	97	10,00	96	0,	95	0,	0	0,	0	0,
216	98	10,00	97	10,00	96	10,00	96	0,	0	0,	0	0,
225	98	20,00	98	20,00	96	10,00	96	10,00	0	0,	0	0,
234	98	30,00	97	20,00	95	10,00	95	10,00	0	0,	0	0,
243	95	20,00	94	10,00	93	0,	93	0,	0	0,	0	0,
252	93	10,00	92	0,	92	0,	91	0,	0	0,	0	0,
261	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
270	91	0,	91	0,	90	0,	89	0,	0	0,	0	0,
279	91	0,	91	0,	90	0,	89	0,	0	0,	0	0,
288	92	0,	91	0,	91	0,	90	0,	0	0,	0	0,
297	94	20,00	93	10,00	92	0,	91	0,	0	0,	0	0,
306	95	20,00	95	20,00	93	10,00	92	0,	0	0,	0	0,

TABLE 38 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
315	96	20,00	94	10,00	94	10,00	93	10,00	0	0%	0	0,
324	95	10,00	94	10,00	94	10,00	93	0,	0	0%	0	0,
333	94	10,00	94	10,00	93	0,	93	0,	0	0%	0	0,
342	94	10,00	94	10,00	93	0,	92	0,	0	0%	0	0,
351	94	10,00	93	10,00	93	0%	92	0,	0	0%	0	0,
360	93	10,00	93	10,00	92	0,	92	0,	0	0%	0	0,
AVERAGE SHIELDING		7,00		4,50		1,50		0,75		0%		0,
AVERAGE TARGET CONTACT ANGLE		93		93		92		91		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 38

SHIELDING OF TARGET AT POSITION C
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
6	91	0,	90	0,	90	0,	89	0,	0	0,	0	0,
12	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
18	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
24	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
30	90	0,	89	0,	89	0,	88	0,	0	0,	0	0,
36	89	0,	89	0,	89	0,	88	0,	0	0,	0	0,
42	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
48	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
54	89	0,	88	0,	88	0,	87	0,	0	0,	0	0,
60	89	0,	88	0,	88	0,	87	0,	0	0,	0	0,
66	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
72	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
78	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
84	89	0,	88	0,	88	0,	87	0,	0	0,	0	0,
90	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
96	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
102	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
108	91	10,00	90	0,	90	0,	90	0,	0	0,	0	0,
114	92	10,00	91	0,	91	0,	90	0,	0	0,	0	0,
120	92	10,00	92	0,	91	0,	91	0,	0	0,	0	0,
126	93	0,	92	0,	92	0,	91	0,	0	0,	0	0,
132	93	0,	93	0,	92	0,	92	0,	0	0,	0	0,
138	93	0,	93	0,	92	0,	92	0,	0	0,	0	0,
144	93	0,	93	0,	93	0,	92	0,	0	0,	0	0,
150	94	0,	93	0,	93	0,	92	0,	0	0,	0	0,
156	94	0,	93	0,	93	0,	92	0,	0	0,	0	0,
162	94	0,	93	0,	93	0,	92	0,	0	0,	0	0,
168	94	0,	94	0,	93	0,	93	0,	0	0,	0	0,
174	94	0,	94	0,	93	0,	93	0,	0	0,	0	0,
180	94	0,	94	0,	93	0,	93	0,	0	0,	0	0,
186	94	0,	94	0,	93	0,	93	0,	0	0,	0	0,
192	94	0,	94	0,	93	0,	93	0,	0	0,	0	0,
198	94	0,	94	0,	93	0,	93	0,	0	0,	0	0,
204	94	0,	94	0,	94	0,	93	0,	0	0,	0	0,

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
210	94	0,	94	0,	94	0,	93	0,	0	0%	0	0,
216	95	0,	94	0,	94	0,	93	0,	0	0%	0	0,
222	95	0,	94	0,	94	0,	93	0,	0	0%	0	0,
228	95	0,	95	0,	94	0,	94	0,	0	0%	0	0,
234	95	10,00	95	10,00	95	10,00	94	0,	0	0%	0	0,
240	96	20,00	96	20,00	95	10,00	94	10,00	0	0%	0	0,
246	95	20,00	95	20,00	94	10,00	93	0,	0	0%	0	0,
252	94	20,00	93	10,00	92	0,	92	0,	0	0%	0	0,
258	92	10,00	92	0,	91	0,	91	0,	0	0%	0	0,
264	91	0,	91	0,	90	0,	90	0,	0	0%	0	0,
270	91	0,	91	0,	90	0,	90	0,	0	0%	0	0,
276	91	0,	91	0,	90	0,	90	0,	0	0%	0	0,
282	91	10,00	91	0,	91	0,	90	0,	0	0%	0	0,
288	93	20,00	93	20,00	92	0,	91	0,	0	0%	0	0,
294	94	20,00	94	20,00	92	10,00	92	0,	0	0%	0	0,
300	94	20,00	94	20,00	93	10,00	92	10,00	0	0%	0	0,
306	94	10,00	93	10,00	93	10,00	92	0,	0	0%	0	0,
312	93	10,00	93	10,00	93	0,	92	0,	0	0%	0	0,
318	93	10,00	93	10,00	93	0,	92	0,	0	0%	0	0,
324	93	0,	93	0,	92	0,	92	0,	0	0%	0	0,
330	92	0,	92	0,	92	0,	91	0,	0	0%	0	0,
336	92	0,	92	0,	91	0,	91	0,	0	0%	0	0,
342	92	0,	91	0,	91	0,	90	0,	0	0%	0	0,
348	91	0,	91	0,	91	0,	90	0,	0	0%	0	0,
354	91	0,	91	0,	90	0,	90	0,	0	0%	0	0,
360	91	0,	91	0,	90	0,	90	0,	0	0%	0	0,
AVERAGE SHIELDING		3,50		2,50		1,00		0,33		0%		0,
AVERAGE TARGET CONTACT ANGLE		92		92		91		91		0		0

* 90 MEANS NORMAL CONTACT, 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 38

SHIELDING OF TARGET AT POSITION C
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
4	89	0,	89	0,	89	0,	88	0,	0	0,	0	0,
9	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
13	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
18	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
22	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
27	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
31	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
36	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
40	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
45	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
49	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
54	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
58	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
63	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
67	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
72	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
76	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
81	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
85	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
90	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
94	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
99	90	10,00	89	0,	89	0,	89	0,	0	0,	0	0,
103	90	10,00	90	10,00	90	0,	89	0,	0	0,	0	0,
108	91	10,00	91	0,	90	0,	90	0,	0	0,	0	0,
112	91	10,00	91	0,	91	0,	90	0,	0	0,	0	0,
117	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
121	92	0,	91	0,	91	0,	91	0,	0	0,	0	0,
126	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
130	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
135	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
139	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
144	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
148	93	0,	92	0,	92	0,	92	0,	0	0,	0	0,
153	93	0,	92	0,	92	0,	92	0,	0	0,	0	0,

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TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 19 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
157	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
162	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
166	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
171	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
175	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
180	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
184	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
189	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
193	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
198	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
202	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
207	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
211	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
216	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
220	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
225	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
229	94	0.	93	0.	93	0.	93	0.	0	0.	0	0.
234	94	0.	93	0.	93	0.	93	0.	0	0.	0	0.
238	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
243	95	10.00	94	10.00	94	10.00	94	0.	0	0.	0	0.
247	95	20.00	95	20.00	94	10.00	94	10.00	0	0.	0	0.
252	94	20.00	93	10.00	93	10.00	93	0.	0	0.	0	0.
256	92	10.00	92	10.00	92	0.	91	0.	0	0.	0	0.
261	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
265	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
270	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
274	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
279	91	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
283	93	20.00	92	10.00	92	10.00	91	0.	0	0.	0	0.
288	93	20.00	93	20.00	92	10.00	92	0.	0	0.	0	0.
292	93	20.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
297	93	10.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
301	93	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
306	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.

TABLE 38 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
310	92	0,	92	0,	92	0,	91	0,	0	0%	0	0,
315	92	0,	92	0,	91	0,	91	0,	0	0%	0	0,
319	91	0,	91	0,	91	0,	91	0,	0	0%	0	0,
324	91	0,	91	0,	91	0,	90	0,	0	0%	0	0,
328	91	0,	91	0,	90	0,	90	0,	0	0%	0	0,
333	90	0,	90	0,	90	0,	90	0,	0	0%	0	0,
337	90	0,	90	0,	90	0,	89	0,	0	0%	0	0,
342	90	0,	90	0,	89	0,	89	0,	0	0%	0	0,
346	90	0,	90	0,	89	0,	89	0,	0	0%	0	0,
351	90	0,	89	0,	89	0,	89	0,	0	0%	0	0,
355	90	0,	89	0,	89	0,	89	0,	0	0%	0	0,
360	89	0,	89	0,	89	0,	89	0,	0	0%	0	0,
AVERAGE SHIELDING		2,37		1,50		0,87		0,12		0%		0,
AVERAGE TARGET CONTACT ANGLE		91		91		91		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 38

SHIELDING OF TARGET AT POSITION C

RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
7	88	0,	88	0,	88	0,	88	0,	0	0,	0	0,
10	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
14	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
18	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
21	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
25	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
28	88	0,	87	0,	87	0,	87	0,	0	0,	0	0,
32	88	0,	87	0,	87	0,	87	0,	0	0,	0	0,
36	88	0,	87	0,	87	0,	87	0,	0	0,	0	0,
39	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
43	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
46	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
50	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
54	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
57	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
61	88	0,	87	0,	87	0,	87	0,	0	0,	0	0,
64	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
68	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
72	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
75	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
79	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
82	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
86	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
90	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
93	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
97	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
100	90	10,00	90	10,00	89	0,	89	0,	0	0,	0	0,
104	90	10,00	90	10,00	90	0,	90	0,	0	0,	0	0,
108	91	10,00	91	0,	90	0,	90	0,	0	0,	0	0,
111	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
115	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
118	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
122	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,

TABLE 38 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 0 CM
126	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
129	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
133	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
136	92	0,	91	0,	91	0,	91	0,	0	0,	0	0,
140	92	0,	91	0,	91	0,	91	0,	0	0,	0	0,
144	92	0,	91	0,	91	0,	91	0,	0	0,	0	0,
147	92	0,	91	0,	91	0,	91	0,	0	0,	0	0,
151	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
154	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
158	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
162	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
165	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
169	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
172	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
176	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
180	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
183	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
187	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
190	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
194	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
198	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
201	92	0,	91	0,	91	0,	91	0,	0	0,	0	0,
205	92	0,	91	0,	91	0,	91	0,	0	0,	0	0,
208	92	0,	91	0,	91	0,	91	0,	0	0,	0	0,
212	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
216	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
219	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
223	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
226	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
230	92	0,	92	0,	92	0,	92	0,	0	0,	0	0,
234	93	0,	92	0,	92	0,	92	0,	0	0,	0	0,
237	93	0,	93	0,	92	0,	92	0,	0	0,	0	0,
241	93	0,	93	0,	93	0,	92	0,	0	0,	0	0,
244	93	0,	93	0,	93	0,	92	0,	0	0,	0	0,

TABLE 38 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
248	94	10.00	93	10.00	93	0.	93	0.	0	0%	0	0.
252	93	10.00	93	10.00	93	0.	92	0.	0	0%	0	0.
255	93	10.00	92	10.00	92	0.	92	0.	0	0%	0	0.
259	92	0.	92	0.	91	0.	91	0.	0	0%	0	0.
262	91	0.	91	0.	91	0.	90	0.	0	0%	0	0.
266	91	0.	91	0.	90	0.	90	0.	0	0%	0	0.
270	91	0.	91	0.	90	0.	90	0.	0	0%	0	0.
273	91	0.	91	0.	90	0.	90	0.	0	0%	0	0.
277	91	10.00	91	0.	91	0.	91	0.	0	0%	0	0.
280	93	50.00	93	30.00	92	10.00	91	0.	0	0%	0	0.
284	0	100.00	93	30.00	93	20.00	92	10.00	0	0%	0	0.
288	95	60.00	94	40.00	93	20.00	93	20.00	0	0%	0	0.
291	96	90.00	93	20.00	93	10.00	92	10.00	0	0%	0	0.
295	92	10.00	92	10.00	92	0.	92	0.	0	0%	0	0.
298	92	0.	92	0.	92	0.	91	0.	0	0%	0	0.
302	92	0.	92	0.	92	0.	91	0.	0	0%	0	0.
306	92	0.	91	0.	91	0.	91	0.	0	0%	0	0.
309	91	0.	91	0.	91	0.	90	0.	0	0%	0	0.
313	91	0.	91	0.	90	0.	90	0.	0	0%	0	0.
316	91	0.	91	0.	90	0.	90	0.	0	0%	0	0.
320	91	0.	90	0.	90	0.	90	0.	0	0%	0	0.
324	90	0.	90	0.	90	0.	90	0.	0	0%	0	0.
327	90	0.	90	0.	90	0.	89	0.	0	0%	0	0.
331	90	0.	90	0.	89	0.	89	0.	0	0%	0	0.
334	90	0.	90	0.	89	0.	89	0.	0	0%	0	0.
338	90	0.	89	0.	89	0.	89	0.	0	0%	0	0.
342	89	0.	89	0.	89.	0.	89	0.	0	0%	0	0.
345	89	0.	89	0.	89	0.	89	0.	0	0%	0	0.
349	89	0.	89	0.	89	0.	88	0.	0	0%	0	0.
352	89	0.	89	0.	88	0.	88	0.	0	0%	0	0.
356	89	0.	89	0.	88	0.	88	0.	0	0%	0	0.
360	89	0.	89	0.	88	0.	88	0.	0	0%	0	0.
AVERAGE SHIELDING		3.80		1.80		0.60		0.40		0%		0.
AVERAGE TARGET CONTACT ANGLE		90		90		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 38

SHIELDING OF TARGET AT POSITION C

RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 19 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	88	0,	88	0,	88	0,	88	0,	0	0,	0	0,
6	90	50,00	88	0,	88	0,	88	0,	0	0,	0	0,
9	89	50,00	88	0,	88	0,	88	0,	0	0,	0	0,
12	90	70,00	88	0,	88	0,	88	0,	0	0,	0	0,
15	89	30,00	88	0,	88	0,	87	0,	0	0,	0	0,
18	88	20,00	88	0,	88	0,	87	0,	0	0,	0	0,
21	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
24	88	0,	87	0,	87	0,	87	0,	0	0,	0	0,
27	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
30	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
33	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
36	87	0,	87	0,	87	0,	86	0,	0	0,	0	0,
39	87	0,	87	0,	87	0,	86	0,	0	0,	0	0,
42	87	0,	87	0,	87	0,	86	0,	0	0,	0	0,
45	87	0,	87	0,	87	0,	86	0,	0	0,	0	0,
48	87	0,	87	0,	87	0,	86	0,	0	0,	0	0,
51	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
54	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
57	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
60	88	0,	87	0,	87	0,	87	0,	0	0,	0	0,
63	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
66	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
69	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
72	88	0,	88	0,	88	0,	88	0,	0	0,	0	0,
75	88	0,	88	0,	88	0,	88	0,	0	0,	0	0,
78	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
81	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
84	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
87	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
90	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
93	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
96	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
99	90	10,00	90	10,00	89	0,	89	0,	0	0,	0	0,
102	91	20,00	90	10,00	90	10,00	90	0,	0	0,	0	0,

TABLE 38 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
105	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
108	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
111	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
114	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
117	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
120	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
123	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
126	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
129	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
132	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
135	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
138	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
141	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
144	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
147	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
150	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
153	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
156	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
159	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
162	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
165	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
168	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
171	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
174	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
177	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
180	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
183	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
186	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
189	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
192	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
195	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
198	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
201	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
204	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.

Sh. 12 of 25

TABLE 38 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
207	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
210	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
213	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
216	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
219	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
222	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
225	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
228	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
231	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
234	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
237	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
240	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
243	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
246	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
249	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
252	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
255	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
258	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
261	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
264	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
267	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
270	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
273	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
276	91	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
279	92	30.00	92	20.00	91	10.00	91	0.	0	0.	0	0.
282	93	40.00	93	30.00	92	20.00	92	10.00	0	0.	0	0.
285	95	70.00	94	50.00	93	30.00	93	20.00	0	0.	0	0.
288	95	60.00	95	50.00	94	30.00	93	20.00	0	0.	0	0.
291	95	80.00	94	50.00	93	20.00	93	20.00	0	0.	0	0.
294	0	100.00	95	80.00	94	50.00	93	20.00	0	0.	0	0.
297	0	100.00	95	90.00	93	40.00	92	0.	0	0.	0	0.
300	0	100.00	0	100.00	94	60.00	92	0.	0	0.	0	0.
303	0	100.00	93	50.00	92	0.	91	0.	0	0.	0	0.
306	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.

TABLE 35 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 0 CM
309	91	0.	91	0.	91	0.	90	0.	0	0%	0	0.
312	91	0.	91	0.	90	0%	90	0.	0	0%	0	0.
315	91	0.	90	0.	90	0.	90	0.	0	0%	0	0.
318	90	0.	90	0.	90	0.	90	0.	0	0%	0	0.
321	90	0.	90	0.	90	0.	90	0.	0	0%	0	0.
324	90	0.	90	0.	90	0.	89	0.	0	0%	0	0.
327	90	0.	90	0.	90	0%	89	0.	0	0%	0	0.
330	90	0.	90	0.	89	0%	89	0.	0	0%	0	0.
333	90	0.	90	0.	89	0.	89	0.	0	0%	0	0.
336	90	0.	89	0.	89	0%	89	0.	0	0%	0	0.
339	89	0.	89	0.	89	0.	89	0.	0	0%	0	0.
342	89	0.	89	0.	89	0.	89	0.	0	0%	0	0.
345	89	0.	89	0.	89	0.	89	0.	0	0%	0	0.
348	89	0.	89	0.	89	0.	88	0.	0	0%	0	0.
351	89	0.	89	0.	88	0.	88	0.	0	0%	0	0.
354	89	0.	89	0.	88	0.	88	0.	0	0%	0	0.
357	89	0.	88	0.	88	0.	88	0.	0	0%	0	0.
360	88	0.	88	0.	88	0.	88	0.	0	0%	0	0.
AVERAGE SHIELDING		7.92		4.50		2.25		0.75		0%		0.
AVERAGE TARGET CONTACT ANGLE		90		90		90		89		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 38

SHIELDING OF TARGET AT POSITION C
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	0	100,00	89	30,00	88	0,	88	0,	0	0,	0	0,
5	0	100,00	89	20,00	88	0,	88	0,	0	0,	0	0,
7	89	50,00	88	0,	88	0,	88	0,	0	0,	0	0,
10	88	10,00	88	0,	88	0,	88	0,	0	0,	0	0,
12	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
15	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
18	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
20	88	0,	87	0,	87	0,	87	0,	0	0,	0	0,
23	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
25	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
28	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
30	88	20,00	87	0,	87	0,	87	0,	0	0,	0	0,
33	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
36	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
38	87	0,	87	0,	87	0,	86	0,	0	0,	0	0,
41	87	0,	87	0,	87	0,	86	0,	0	0,	0	0,
43	87	0,	87	0,	87	0,	86	0,	0	0,	0	0,
46	87	0,	87	0,	87	0,	86	0,	0	0,	0	0,
48	87	0,	87	0,	87	0,	86	0,	0	0,	0	0,
51	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
54	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
56	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
59	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
61	88	0,	87	0,	87	0,	87	0,	0	0,	0	0,
64	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
66	88	10,00	88	0,	88	0,	87	0,	0	0,	0	0,
69	88	10,00	88	0,	88	0,	88	0,	0	0,	0	0,
72	89	20,00	88	0,	88	0,	88	0,	0	0,	0	0,
74	89	40,00	88	0,	88	0,	88	0,	0	0,	0	0,
77	89	0,	89	0,	88	0,	89	0,	0	0,	0	0,
79	89	0,	89	0,	89	0,	88	0,	0	0,	0	0,
82	89	10,00	89	0,	89	0,	88	0,	0	0,	0	0,
84	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
87	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,

TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
90	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
92	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
95	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
97	90	10,00	89	10,00	89	0,	89	0,	0	0,	0	0,
100	90	10,00	90	10,00	90	10,00	89	0,	0	0,	0	0,
102	90	10,00	90	0,	90	0,	89	0,	0	0,	0	0,
105	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
108	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
110	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
113	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
115	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
118	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
120	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
123	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
126	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
128	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
131	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
133	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
136	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
138	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
141	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
144	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
146	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
149	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
151	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
154	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
156	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
159	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
162	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
164	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
167	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
169	90	0,	89	0,	89	0,	89	0,	0	0,	0	0,
172	90	0,	89	0,	89	0,	89	0,	0	0,	0	0,
174	90	0,	89	0,	89	0,	89	0,	0	0,	0	0,

TABLE 38 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
177	90	0,	89	0,	89	0,	89	0,	0	0,	0	0,
180	90	0,	89	0,	89	0,	89	0,	0	0,	0	0,
182	90	0,	89	0,	89	0,	89	0,	0	0,	0	0,
185	90	0,	89	0,	89	0,	89	0,	0	0,	0	0,
187	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
190	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
192	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
195	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
198	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
200	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
203	90	0,	89	0,	89	0,	89	0,	0	0,	0	0,
205	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
208	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
210	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
213	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
216	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
218	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
221	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
223	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
226	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
228	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
231	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
234	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
236	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
239	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
241	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
244	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
246	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
249	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
252	92	0,	92	0,	92	0,	92	0,	0	0,	0	0,
254	92	0,	92	0,	92	0,	92	0,	0	0,	0	0,
257	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,

TABLE 3b (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
264	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
267	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
270	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
272	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
275	91	10,00	91	0,	91	0,	91	0,	0	0,	0	0,
277	92	30,00	92	20,00	91	10,00	91	0,	0	0,	0	0,
280	93	30,00	92	20,00	92	10,00	92	10,00	0	0,	0	0,
282	93	20,00	93	20,00	92	20,00	92	10,00	0	0,	0	0,
285	93	20,00	93	20,00	92	10,00	92	10,00	0	0,	0	0,
288	93	20,00	93	20,00	92	10,00	92	10,00	0	0,	0	0,
290	93	20,00	93	20,00	93	10,00	92	10,00	0	0,	0	0,
293	93	20,00	93	10,00	93	10,00	92	10,00	0	0,	0	0,
295	94	60,00	94	40,00	93	20,00	92	10,00	0	0,	0	0,
298	94	70,00	94	50,00	93	30,00	92	10,00	0	0,	0	0,
300	0	100,00	94	80,00	93	50,00	92	20,00	0	0,	0	0,
303	92	20,00	92	0,	92	0,	91	0,	0	0,	0	0,
306	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
308	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
311	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
313	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
316	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
318	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
321	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
324	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
326	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
329	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
331	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
334	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
336	90	10,00	89	0,	89	0,	89	0,	0	0,	0	0,
339	89	10,00	89	0,	89	0,	89	0,	0	0,	0	0,
342	89	10,00	89	0,	89	0,	89	0,	0	0,	0	0,
344	89	10,00	89	0,	89	0,	89	0,	0	0,	0	0,
347	89	20,00	89	0,	89	0,	89	0,	0	0,	0	0,
349	89	20,00	89	0,	89	0,	89	0,	0	0,	0	0,

TABLE 38 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 0 CM
352	90	50,00	89	10,00	89	0,	89	0,	0	0,	0	0,
354	91	80,00	89	20,00	89	0,	88	0,	0	0,	0	0,
357	0	100,00	89	30,00	89	0,	88	0,	0	0,	0	0,
360	0	100,00	0	100,00	89	10,00	88	0,	0	0,	0	0,
AVERAGE SHIELDING		0,79		3,86		1,43		0,71		0,		0,
AVERAGE TARGET CONTACT ANGLE		90		90		89		89		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 38

SHIELDING OF TARGET AT POSITION C

RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 18 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	0	100,00	0	100,00	0	100.00	90	80,00	0	0,	0	0,
4	0	100,00	0	100,00	0	100.00	90	70,00	0	0,	0	0,
6	0	100,00	0	100,00	90	80,00	89	40,00	0	0,	0	0,
9	0	100,00	0	100,00	89	60,00	88	20,00	0	0,	0	0,
11	0	100,00	90	70,00	89	30,00	88	0,	0	0,	0	0,
13	90	80,00	89	50,00	88	10,00	88	0,	0	0,	0	0,
15	89	60,00	88	30,00	88	0,	88	0,	0	0,	0	0,
18	89	60,00	88	30,00	88	0,	87	0,	0	0,	0	0,
20	89	50,00	88	20,00	87	0,	87	0,	0	0,	0	0,
22	88	40,00	88	0,	87	0,	87	0,	0	0,	0	0,
24	88	30,00	87	0,	87	0,	87	0,	0	0,	0	0,
27	88	20,00	87	0,	87	0,	87	0,	0	0,	0	0,
29	87	10,00	87	0,	87	0,	87	0,	0	0,	0	0,
31	87	10,00	87	0,	87	0,	87	0,	0	0,	0	0,
33	87	20,00	87	0,	87	0,	87	0,	0	0,	0	0,
36	88	30,00	87	0,	87	0,	87	0,	0	0,	0	0,
38	87	20,00	87	0,	87	0,	87	0,	0	0,	0	0,
40	87	10,00	87	0,	87	0,	87	0,	0	0,	0	0,
42	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
45	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
47	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
49	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
51	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
54	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
56	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
58	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
60	88	0,	87	0,	87	0,	87	0,	0	0,	0	0,
63	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
65	88	20,00	88	0,	88	0,	87	0,	0	0,	0	0,
67	89	30,00	88	10,00	88	0,	88	0,	0	0,	0	0,
69	89	40,00	88	20,00	88	0,	88	0,	0	0,	0	0,
72	89	40,00	89	30,00	88	0,	88	0,	0	0,	0	0,
74	90	50,00	89	30,00	88	10,00	88	0,	0	0,	0	0,
76	90	40,00	89	10,00	89	0.	88	0,	0	0,	0	0,

TABLE 38/3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
78	89	30,00	89	10,00	89	0,	89	0,	0	0,	0	0,
81	90	60,00	89	20,00	89	0,	89	0,	0	0,	0	0,
83	89	20,00	89	10,00	89	0,	89	0,	0	0,	0	0,
85	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
87	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
90	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
92	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
94	89	0,	89	0,	89	0,	88	0,	0	0,	0	0,
96	89	10,00	89	10,00	89	0,	89	0,	0	0,	0	0,
99	90	10,00	90	10,00	89	0,	89	0,	0	0,	0	0,
101	90	10,00	90	0,	90	0,	89	0,	0	0,	0	0,
103	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
105	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
108	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
110	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
112	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
114	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
117	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
119	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
121	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
123	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
126	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
128	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
130	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
132	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
135	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
137	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
139	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
141	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
144	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
146	90	0,	89	0,	89	0,	89	0,	0	0,	0	0,
148	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
150	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
153	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 0 CM
155	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
157	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
159	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
162	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
164	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
166	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
168	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
171	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
173	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
175	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
177	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
180	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
182	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
184	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
186	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
189	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
191	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
193	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
195	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
198	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
200	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
202	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
204	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
207	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
209	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
211	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
213	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
216	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
218	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
220	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
222	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
225	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
227	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
229	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.

TABLE 38 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
231	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
234	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
236	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
238	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
240	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
243	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
245	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
247	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
249	92	0,	91	0,	91	0,	91	0,	0	0,	0	0,
252	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
254	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
256	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
258	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
261	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
263	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
265	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
267	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
270	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
272	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
274	91	10,00	91	0,	91	0,	91	0,	0	0,	0	0,
276	92	20,00	92	20,00	91	10,00	91	0,	0	0,	0	0,
279	92	30,00	92	20,00	92	10,00	91	10,00	0	0,	0	0,
281	92	20,00	92	20,00	92	10,00	92	10,00	0	0,	0	0,
283	92	20,00	92	10,00	92	10,00	92	10,00	0	0,	0	0,
285	92	10,00	92	10,00	92	10,00	92	10,00	0	0,	0	0,
288	92	10,00	92	10,00	92	10,00	92	0,	0	0,	0	0,
290	92	10,00	92	10,00	92	10,00	92	0,	0	0,	0	0,
292	92	10,00	92	10,00	92	0,	92	0,	0	0,	0	0,
294	92	10,00	92	0,	92	0,	92	0,	0	0,	0	0,
297	92	0,	92	0,	92	0,	92	0,	0	0,	0	0,
299	92	0,	92	0,	92	0,	92	0,	0	0,	0	0,
301	92	10,00	92	0,	92	0,	92	0,	0	0,	0	0,
303	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
306	91	10,00	91	0,	91	0,	91	0,	0	0,	0	0,

TABLE 38 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
308	91	20,00	91	0,	91	0,	91	0,	0	0%	0	0,
310	91	10,00	91	0,	91	0,	90	0,	0	0%	0	0,
312	91	20,00	91	0,	91	0,	90	0,	0	0%	0	0,
315	91	30,00	91	0,	90	0,	90	0,	0	0%	0	0,
317	91	30,00	91	10,00	90	0,	90	0,	0	0%	0	0,
319	91	30,00	90	10,00	90	0,	90	0,	0	0%	0	0,
321	91	30,00	90	10,00	90	0,	90	0,	0	0%	0	0,
324	91	40,00	90	10,00	90	0,	90	0,	0	0%	0	0,
326	91	30,00	90	0,	90	0,	90	0,	0	0%	0	0,
328	90	20,00	90	0,	90	0,	90	0,	0	0%	0	0,
330	90	20,00	90	0,	90	0,	89	0,	0	0%	0	0,
333	90	20,00	90	0,	90	0,	89	0,	0	0%	0	0,
335	90	20,00	90	0,	89	0,	89	0,	0	0%	0	0,
337	90	20,00	90	0,	89	0,	89	0,	0	0%	0	0,
339	90	20,00	89	10,00	89	0,	89	0,	0	0%	0	0,
342	90	30,00	89	10,00	89	0,	89	0,	0	0%	0	0,
344	90	30,00	89	10,00	89	0,	89	0,	0	0%	0	0,
346	90	40,00	90	20,00	89	0,	89	0,	0	0%	0	0,
348	91	70,00	90	50,00	89	20,00	89	0,	0	0%	0	0,
351	0	100,00	91	70,00	90	30,00	89	10,00	0	0%	0	0,
353	0	100,00	0	100,00	90	60,00	89	30,00	0	0%	0	0,
355	0	100,00	0	100,00	91	90,00	90	50,00	0	0%	0	0,
357	0	100,00	0	100,00	0	100,00	91	80,00	0	0%	0	0,
360	0	100,00	0	100,00	0	100,00	0	100,00	0	0%	0	0,
AVERAGE SHIELDING		15,62		9,25		5,37		3,25		0%		0,
AVERAGE TARGET CONTACT ANGLE		90		90		89		89		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 39

SHIELDING OF TARGET AT POSITION D
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
18	92	0,	91	0,	90	0,	88	0,	0	0%	0	0,
36	91	0,	90	0,	89	0,	87	0,	0	0%	0	0,
54	90	0,	89	0,	88	0%	86	0,	0	0%	0	0,
72	89	0,	88	0,	87	0,	86	0,	0	0%	0	0,
90	91	0,	90	0,	88	0,	87	0,	0	0%	0	0,
108	90	0,	89	0,	88	0,	87	0,	0	0%	0	0,
126	92	0,	91	0,	90	0,	88	0,	0	0%	0	0,
144	94	0,	94	0,	92	0%	91	0,	0	0%	0	0,
162	96	10,00	95	0,	94	0%	93	0,	0	0%	0	0,
180	91	0,	90	0,	88	0,	87	0,	0	0%	0	0,
198	97	10,00	97	10,00	95	0,	94	0,	0	0%	0	0,
216	96	10,00	95	0,	94	0,	92	0,	0	0%	0	0,
234	94	0,	93	0,	92	0%	90	0,	0	0%	0	0,
252	92	0,	91	0,	90	0,	89	0,	0	0%	0	0,
270	92	0,	91	0,	89	0,	88	0,	0	0%	0	0,
288	91	0,	90	0,	89	0,	88	0,	0	0%	0	0,
306	92	0,	91	0,	90	0,	88	0,	0	0%	0	0,
324	93	0,	92	0,	90	0,	89	0,	0	0%	0	0,
342	95	20,00	93	0,	91	0,	90	0,	0	0%	0	0,
360	95	20,00	92	0,	91	0,	90	0,	0	0%	0	0,
AVERAGE SHIELDING		3,50		0,50		0,		0,		0%		0,
AVERAGE TARGET CONTACT ANGLE		93		92		90		89		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE NO. 2

TABLE 39 (Sheet 2 of 2)

TABLE 39
SHIELDING OF TARGET AT POSITION D
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 0 CM
9	91	0,	91	0,	90	0,	89	0,	0	0,	0	0,
18	90	0,	90	0,	89	0,	88	0,	0	0,	0	0,
27	90	0,	89	0,	88	0,	88	0,	0	0,	0	0,
36	89	0,	89	0,	88	0,	87	0,	0	0,	0	0,
45	89	0,	89	0,	88	0,	87	0,	0	0,	0	0,
54	89	0,	89	0,	88	0,	87	0,	0	0,	0	0,
63	90	0,	89	0,	88	0,	88	0,	0	0,	0	0,
72	89	0,	89	0,	88	0,	87	0,	0	0,	0	0,
81	89	0,	88	0,	88	0,	87	0,	0	0,	0	0,
90	90	0,	90	0,	89	0,	88	0,	0	0,	0	0,
99	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
108	91	0,	90	0,	89	0,	89	0,	0	0,	0	0,
117	92	10,00	91	0,	91	0,	90	0,	0	0,	0	0,
126	93	10,00	93	10,00	92	0,	91	0,	0	0,	0	0,
135	94	10,00	93	0,	93	0,	92	0,	0	0,	0	0,
144	94	10,00	94	0,	93	0,	93	0,	0	0,	0	0,
153	95	0,	94	0,	94	0,	93	0,	0	0,	0	0,
162	95	0,	95	0,	94	0,	93	0,	0	0,	0	0,
171	96	0,	95	0,	95	0,	94	0,	0	0,	0	0,
180	96	0,	96	0,	95	0,	94	0,	0	0,	0	0,
189	96	0,	96	0,	95	0,	94	0,	0	0,	0	0,
198	96	0,	96	0,	95	0,	95	0,	0	0,	0	0,
207	97	10,00	96	0,	95	0,	95	0,	0	0,	0	0,
216	97	10,00	96	10,00	96	0,	95	0,	0	0,	0	0,
225	98	20,00	96	10,00	96	10,00	95	0,	0	0,	0	0,
234	97	20,00	95	10,00	95	10,00	94	0,	0	0,	0	0,
243	95	20,00	94	10,00	93	0,	92	0,	0	0,	0	0,
252	93	0,	92	0,	92	0,	91	0,	0	0,	0	0,
261	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
270	91	0,	91	0,	90	0,	89	0,	0	0,	0	0,
279	91	0,	91	0,	90	0,	89	0,	0	0,	0	0,
288	92	0,	91	0,	91	0,	90	0,	0	0,	0	0,
297	94	20,00	92	10,00	92	0,	91	0,	0	0,	0	0,
306	95	20,00	93	10,00	93	10,00	92	0,	0	0,	0	0,

TABLE 39 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
315	95	20.00	94	10.00	93	10.00	93	0.	0	0%	0	0.
324	95	20.00	94	10.00	93	10.00	93	0.	0	0%	0	0.
333	94	10.00	94	10.00	93	0.	92	0.	0	0%	0	0.
342	93	10.00	93	0.	92	0.	91	0.	0	0%	0	0.
351	92	0.	92	0.	91	0%	91	0.	0	0%	0	0.
360	92	0.	91	0.	90	0%	90	0.	0	0%	0	0.
AVERAGE SHIELDING		5.50		2.50		1.25		0.		0%		0.
AVERAGE TARGET CONTACT ANGLE		93		92		92		91		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 39
SHIELDING OF TARGET AT POSITION D
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
6	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
12	90	0,	89	0,	89	0,	88	0,	0	0,	0	0,
18	89	0,	89	0,	89	0,	88	0,	0	0,	0	0,
24	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
30	89	0,	88	0,	88	0,	87	0,	0	0,	0	0,
36	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
42	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
48	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
54	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
60	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
66	89	0,	88	0,	88	0,	87	0,	0	0,	0	0,
72	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
78	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
84	89	0,	88	0,	88	0,	87	0,	0	0,	0	0,
90	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
96	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
102	90	10,00	90	0,	89	0,	89	0,	0	0,	0	0,
108	91	10,00	91	0,	90	0,	90	0,	0	0,	0	0,
114	92	10,00	91	10,00	91	0,	90	0,	0	0,	0	0,
120	92	10,00	92	10,00	91	0,	91	0,	0	0,	0	0,
126	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
132	93	0,	92	0,	92	0,	91	0,	0	0,	0	0,
138	93	0,	93	0,	92	0,	92	0,	0	0,	0	0,
144	93	0,	93	0,	92	0,	92	0,	0	0,	0	0,
150	93	0,	93	0,	93	0,	92	0,	0	0,	0	0,
156	94	0,	93	0,	93	0,	92	0,	0	0,	0	0,
162	94	0,	94	0,	93	0,	93	0,	0	0,	0	0,
168	94	0,	94	0,	93	0,	93	0,	0	0,	0	0,
174	94	0,	94	0,	93	0,	93	0,	0	0,	0	0,
180	94	0,	94	0,	93	0,	93	0,	0	0,	0	0,
186	94	0,	94	0,	93	0,	93	0,	0	0,	0	0,
192	94	0,	94	0,	94	0,	93	0,	0	0,	0	0,
198	94	0,	94	0,	94	0,	93	0,	0	0,	0	0,
204	94	0,	94	0,	94	0,	93	0,	0	0,	0	0,

AD-A040 173 ARMY ENGINEER WATERWAYS EXPERIMENT STATION VICKSBURG MISS F/G 18/6
ANALYTICAL STUDY OF GROUND-SURFACE SHIELDING CHARACTERISTICS OF--ETC(U)
JUN 74 H W WEST, P L DOIRON, J A PARKS

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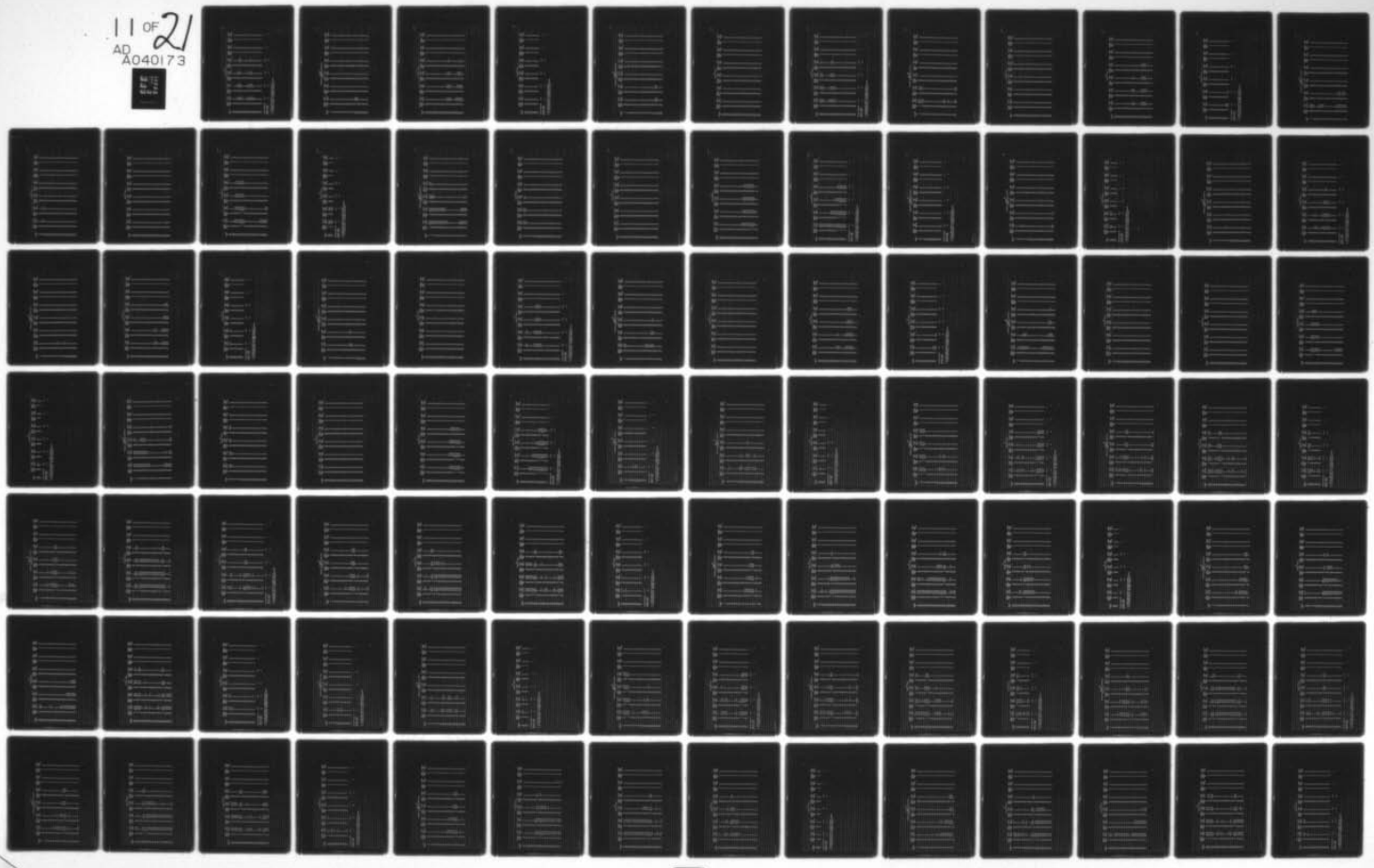

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TABLE I (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 0 CM
210	95	0,	94	0,	94	0,	93	0,	0	0%	0	0,
216	95	0,	94	0,	94	0,	93	0,	0	0%	0	0,
222	95	0,	94	0,	94	0%	93	0,	0	0%	0	0,
228	95	0,	94	0,	94	0,	94	0,	0	0%	0	0,
234	95	10,00	95	10,00	94	10,00	94	0,	0	0%	0	0,
240	96	20,00	96	20,00	95	10,00	94	10,00	0	0%	0	0,
246	96	40,00	95	20,00	94	10,00	93	10,00	0	0%	0	0,
252	94	20,00	93	10,00	93	0%	92	0,	0	0%	0	0,
258	92	10,00	92	0,	91	0,	91	0,	0	0%	0	0,
264	91	0,	91	0,	90	0,	90	0,	0	0%	0	0,
270	91	0,	91	0,	90	0,	90	0,	0	0%	0	0,
276	91	0,	91	0,	90	0%	90	0,	0	0%	0	0,
282	91	0,	91	0,	91	0,	90	0,	0	0%	0	0,
288	93	20,00	92	10,00	92	0,	91	0,	0	0%	0	0,
294	94	20,00	93	20,00	92	10,00	92	0,	0	0%	0	0,
300	94	20,00	94	20,00	93	10,00	92	10,00	0	0%	0	0,
306	93	10,00	93	10,00	93	10,00	92	0,	0	0%	0	0,
312	93	10,00	93	10,00	92	0,	92	0,	0	0%	0	0,
318	93	10,00	93	0,	92	0,	92	0,	0	0%	0	0,
324	93	0,	92	0,	92	0,	91	0,	0	0%	0	0,
330	92	0,	92	0,	91	0%	91	0,	0	0%	0	0,
336	92	0,	92	0,	91	0,	91	0,	0	0%	0	0,
342	91	0,	91	0,	91	0,	90	0,	0	0%	0	0,
348	91	0,	91	0,	90	0%	90	0,	0	0%	0	0,
354	91	0,	90	0,	90	0%	89	0,	0	0%	0	0,
360	90	0,	90	0,	89	0%	89	0,	0	0%	0	0,
AVERAGE SHIELDING		3,83		2,50		1,00		0,50		0%		0,
AVERAGE TARGET CONTACT ANGLE		92		92		91		91		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 8

SHIELDING OF TARGET AT POSITION D

RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
4	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
9	89	0.	88	0.	88	0.	88	0.	0	0.	0	0.
13	89	0.	88	0.	88	0.	88	0.	0	0.	0	0.
18	88	0.	88	0.	88	0.	87	0.	0	0.	0	0.
22	88	0.	88	0.	88	0.	87	0.	0	0.	0	0.
27	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
31	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
36	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
40	87	0.	87	0.	87	0.	86	0.	0	0.	0	0.
45	87	0.	87	0.	87	0.	86	0.	0	0.	0	0.
49	87	0.	87	0.	87	0.	86	0.	0	0.	0	0.
54	87	0.	87	0.	87	0.	86	0.	0	0.	0	0.
58	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
63	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
67	88	0.	88	0.	88	0.	87	0.	0	0.	0	0.
72	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
76	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
81	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
85	89	0.	88	0.	88	0.	88	0.	0	0.	0	0.
90	89	0.	88	0.	88	0.	88	0.	0	0.	0	0.
94	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
99	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
103	90	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
108	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
112	91	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
117	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
121	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
126	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
130	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
135	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
139	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
144	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
148	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
153	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.

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TABLE 7 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
157	93	0,	92	0,	92	0,	92	0,	0	0*	0	0,
162	93	0,	92	0,	92	0,	92	0,	0	0*	0	0,
166	93	0,	92	0,	92	0,	92	0,	0	0*	0	0,
171	93	0,	92	0,	92	0,	92	0,	0	0*	0	0,
175	93	0,	92	0,	92	0,	92	0,	0	0*	0	0,
180	93	0,	93	0,	92	0,	92	0,	0	0*	0	0,
184	93	0,	93	0,	92	0,	92	0,	0	0*	0	0,
189	93	0,	93	0,	92	0,	92	0,	0	0*	0	0,
193	93	0,	93	0,	92	0,	92	0,	0	0*	0	0,
198	93	0,	93	0,	92	0,	92	0,	0	0*	0	0,
202	93	0,	93	0,	92	0,	92	0,	0	0*	0	0,
207	93	0,	93	0,	92	0,	92	0,	0	0*	0	0,
211	93	0,	93	0,	93	0,	92	0,	0	0*	0	0,
216	93	0,	93	0,	93	0,	92	0,	0	0*	0	0,
220	93	0,	93	0,	93	0,	92	0,	0	0*	0	0,
225	93	0,	93	0,	93	0,	92	0,	0	0*	0	0,
229	94	0,	93	0,	93	0,	93	0,	0	0*	0	0,
234	94	0,	93	0,	93	0,	93	0,	0	0*	0	0,
238	94	0,	94	0,	93	0,	93	0,	0	0*	0	0,
243	94	10,00	94	10,00	94	10,00	93	0,	0	0*	0	0,
247	95	20,00	95	20,00	94	10,00	93	10,00	0	0*	0	0,
252	94	20,00	94	20,00	93	10,00	93	0,	0	0*	0	0,
256	93	20,00	92	10,00	92	0,	92	0,	0	0*	0	0,
261	92	0,	91	0,	91	0*	91	0,	0	0*	0	0,
265	91	0,	91	0,	90	0,	90	0,	0	0*	0	0,
270	91	0,	91	0,	90	0,	90	0,	0	0*	0	0,
274	91	0,	91	0,	90	0,	90	0,	0	0*	0	0,
279	91	10,00	91	0,	91	0,	90	0,	0	0*	0	0,
283	92	20,00	92	20,00	91	10,00	91	0,	0	0*	0	0,
288	93	20,00	93	20,00	92	10,00	92	0,	0	0*	0	0,
292	93	20,00	93	10,00	92	10,00	92	10,00	0	0*	0	0,
297	93	10,00	93	10,00	92	10,00	92	0,	0	0*	0	0,
301	93	10,00	93	10,00	92	0,	92	0,	0	0*	0	0,
306	92	0,	92	0,	92	0,	92	0,	0	0*	0	0,

TABLE 39 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
310	92	0,	92	0,	92	0,	91	0,	0	0%	0	0,
315	92	0,	92	0,	91	0,	91	0,	0	0%	0	0,
319	91	0,	91	0,	91	0,	90	0,	0	0%	0	0,
324	91	0,	91	0,	90	0,	90	0,	0	0%	0	0,
328	91	0,	90	0,	90	0,	90	0,	0	0%	0	0,
333	90	0,	90	0,	90	0,	89	0,	0	0%	0	0,
337	90	0,	90	0,	90	0,	89	0,	0	0%	0	0,
342	90	0,	90	0,	89	0,	89	0,	0	0%	0	0,
346	90	0,	90	0,	89	0,	89	0,	0	0%	0	0,
351	90	0,	89	0,	89	0,	89	0,	0	0%	0	0,
355	89	0,	89	0,	89	0,	88	0,	0	0%	0	0,
360	89	0,	89	0,	88	0,	88	0,	0	0%	0	0,
AVERAGE SHIELDING		2,37		1,62		0,87		0,25		0%		0,
AVERAGE TARGET CONTACT ANGLE		91		91		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 8

SHIELDING OF TARGET AT POSITION D

RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	88	0.	88	0.	88	0.	87	0.	0	0.	0	0.
7	88	0.	88	0.	88	0.	87	0.	0	0.	0	0.
10	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
14	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
18	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
21	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
25	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
28	87	0.	87	0.	87	0.	86	0.	0	0.	0	0.
32	87	0.	87	0.	87	0.	86	0.	0	0.	0	0.
36	87	0.	87	0.	86	0.	86	0.	0	0.	0	0.
39	87	0.	87	0.	86	0.	86	0.	0	0.	0	0.
43	87	0.	87	0.	87	0.	86	0.	0	0.	0	0.
46	87	0.	87	0.	87	0.	86	0.	0	0.	0	0.
50	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
54	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
57	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
61	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
64	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
68	88	0.	88	0.	88	0.	87	0.	0	0.	0	0.
72	88	0.	88	0.	88	0.	88	0.	0	0.	0	0.
75	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
79	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
82	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
86	89	0.	88	0.	88	0.	88	0.	0	0.	0	0.
90	89	0.	88	0.	88	0.	88	0.	0	0.	0	0.
93	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
97	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
100	90	10.00	90	10.00	90	0.	89	0.	0	0.	0	0.
104	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
108	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
111	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
115	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
118	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
122	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.

TABLE 39 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
126	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
129	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
133	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
136	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
140	92	0,	91	0,	91	0,	91	0,	0	0,	0	0,
144	92	0,	91	0,	91	0,	91	0,	0	0,	0	0,
147	92	0,	91	0,	91	0,	91	0,	0	0,	0	0,
151	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
154	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
158	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
162	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
165	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
169	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
172	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
176	92	0,	91	0,	91	0,	91	0,	0	0,	0	0,
180	92	0,	91	0,	91	0,	91	0,	0	0,	0	0,
183	92	0,	91	0,	91	0,	91	0,	0	0,	0	0,
187	92	0,	91	0,	91	0,	91	0,	0	0,	0	0,
190	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
194	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
198	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
201	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
205	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
208	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
212	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
216	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
219	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
223	92	0,	92	0,	92	0,	92	0,	0	0,	0	0,
226	92	0,	92	0,	92	0,	92	0,	0	0,	0	0,
230	93	0,	92	0,	92	0,	92	0,	0	0,	0	0,
234	93	0,	93	0,	92	0,	92	0,	0	0,	0	0,
237	93	0,	93	0,	92	0,	92	0,	0	0,	0	0,
241	93	0,	93	0,	93	0,	92	0,	0	0,	0	0,
244	93	0,	93	0,	93	0,	93	0,	0	0,	0	0,

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TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
248	94	10,00	94	10,00	93	10,00	93	0,	0	0%	0	0,
252	94	20,00	94	20,00	93	10,00	93	10,00	0	0%	0	0,
255	93	20,00	93	20,00	92	10,00	92	0,	0	0%	0	0,
259	92	10,00	92	10,00	92	0,	91	0,	0	0%	0	0,
262	91	0,	91	0,	91	0,	91	0,	0	0%	0	0,
266	91	0,	91	0,	90	0,	90	0,	0	0%	0	0,
270	91	0,	91	0,	90	0,	90	0,	0	0%	0	0,
273	91	0,	91	0,	90	0,	90	0,	0	0%	0	0,
277	91	10,00	91	0,	91	0,	90	0,	0	0%	0	0,
280	92	30,00	92	20,00	91	10,00	91	0,	0	0%	0	0,
284	93	20,00	92	20,00	92	10,00	92	10,00	0	0%	0	0,
288	93	20,00	92	10,00	92	10,00	92	10,00	0	0%	0	0,
291	92	10,00	92	10,00	92	10,00	92	0,	0	0%	0	0,
295	92	10,00	92	10,00	92	0,	92	0,	0	0%	0	0,
298	92	0,	92	0,	92	0,	91	0,	0	0%	0	0,
302	92	0,	92	0,	91	0,	91	0,	0	0%	0	0,
306	91	0,	91	0,	91	0,	91	0,	0	0%	0	0,
309	91	0,	91	0,	91	0,	90	0,	0	0%	0	0,
313	91	0,	91	0,	90	0,	90	0,	0	0%	0	0,
316	91	0,	90	0,	90	0,	90	0,	0	0%	0	0,
320	90	0,	90	0,	90	0,	90	0,	0	0%	0	0,
324	90	0,	90	0,	90	0,	89	0,	0	0%	0	0,
327	90	0,	90	0,	90	0,	89	0,	0	0%	0	0,
331	90	0,	90	0,	89	0,	89	0,	0	0%	0	0,
334	90	0,	89	0,	89	0,	89	0,	0	0%	0	0,
338	89	0,	89	0,	89	0,	89	0,	0	0%	0	0,
342	89	0,	89	0,	89	0,	89	0,	0	0%	0	0,
345	89	0,	89	0,	89	0,	88	0,	0	0%	0	0,
349	89	0,	89	0,	88	0,	88	0,	0	0%	0	0,
352	89	0,	89	0,	88	0,	88	0,	0	0%	0	0,
356	89	0,	88	0,	88	0,	88	0,	0	0%	0	0,
360	88	0,	88	0,	88	0,	88	0,	0	0%	0	0,
AVERAGE SHIELDING		1,90		1,50		0,70		0,30		0%		0,
AVERAGE TARGET CONTACT ANGLE		90		90		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 39

SHIELDING OF TARGET AT POSITION D
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	0	100.00	89	40.00	88	0.	88	0.	0	0.	0	0.
6	0	100.00	91	90.00	88	0.	88	0.	0	0.	0	0.
9	0	100.00	90	90.00	88	0.	88	0.	0	0.	0	0.
12	0	100.00	88	20.00	88	0.	87	0.	0	0.	0	0.
15	88	20.00	88	0.	87	0.	87	0.	0	0.	0	0.
18	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
21	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
24	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
27	87	0.	87	0.	87	0.	86	0.	0	0.	0	0.
30	87	0.	87	0.	87	0.	86	0.	0	0.	0	0.
33	87	0.	87	0.	87	0.	86	0.	0	0.	0	0.
36	87	0.	87	0.	87	0.	86	0.	0	0.	0	0.
39	87	0.	87	0.	87	0.	86	0.	0	0.	0	0.
42	87	0.	87	0.	87	0.	86	0.	0	0.	0	0.
45	87	0.	87	0.	87	0.	86	0.	0	0.	0	0.
48	87	0.	87	0.	87	0.	86	0.	0	0.	0	0.
51	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
54	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
57	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
60	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
63	88	0.	88	0.	88	0.	87	0.	0	0.	0	0.
66	88	0.	88	0.	88	0.	87	0.	0	0.	0	0.
69	88	10.00	88	0.	88	0.	88	0.	0	0.	0	0.
72	89	30.00	88	0.	88	0.	88	0.	0	0.	0	0.
75	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
78	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
81	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
84	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
87	89	0.	88	0.	88	0.	88	0.	0	0.	0	0.
90	89	0.	88	0.	88	0.	88	0.	0	0.	0	0.
93	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
96	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
99	90	10.00	90	10.00	89	0.	89	0.	0	0.	0	0.
102	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.

Sh. 12 o' 25

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
105	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
108	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
111	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
114	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
117	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
120	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
123	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
126	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
129	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
132	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
135	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
138	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
141	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
144	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
147	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
150	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
153	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
156	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
159	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
162	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
165	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
168	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
171	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
174	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
177	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
180	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
183	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
186	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
189	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
192	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
195	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
198	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
201	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
204	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,

TABLE 7 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 0 CM
207	91	0,	91	0,	90	0,	90	0,	0	0*	0	0,
210	91	0,	91	0,	90	0,	90	0,	0	0*	0	0,
213	91	0,	91	0,	91	0,	90	0,	0	0*	0	0,
216	91	0,	91	0,	91	0,	90	0,	0	0*	0	0,
219	91	0,	91	0,	91	0,	91	0,	0	0*	0	0,
222	91	0,	91	0,	91	0,	91	0,	0	0*	0	0,
225	91	0,	91	0,	91	0,	91	0,	0	0*	0	0,
228	92	0,	91	0,	91	0,	91	0,	0	0*	0	0,
231	92	0,	92	0,	91	0,	91	0,	0	0*	0	0,
234	92	0,	92	0,	91	0,	91	0,	0	0*	0	0,
237	92	0,	92	0,	92	0,	91	0,	0	0*	0	0,
240	92	0,	92	0,	92	0,	92	0,	0	0*	0	0,
243	92	0,	92	0,	92	0,	92	0,	0	0*	0	0,
246	93	0,	92	0,	92	0,	92	0,	0	0*	0	0,
249	93	0,	93	0,	92	0,	92	0,	0	0*	0	0,
252	93	10,00	93	10,00	93	0,	92	0,	0	0*	0	0,
255	93	10,00	93	10,00	92	10,00	92	0,	0	0*	0	0,
258	92	10,00	92	10,00	92	0,	92	0,	0	0*	0	0,
261	92	0,	91	0,	91	0,	91	0,	0	0*	0	0,
264	91	0,	91	0,	91	0*	90	0,	0	0*	0	0,
267	91	0,	91	0,	90	0*	90	0,	0	0*	0	0,
270	91	0,	91	0,	90	0,	90	0,	0	0*	0	0,
273	91	0,	91	0,	90	0,	90	0,	0	0*	0	0,
276	91	10,00	91	0,	91	0,	91	0,	0	0*	0	0,
279	93	60,00	92	30,00	91	10,00	91	10,00	0	0*	0	0,
282	0	100,00	93	50,00	92	20,00	92	20,00	0	0*	0	0,
285	95	80,00	94	40,00	93	20,00	92	20,00	0	0*	0	0,
288	0	100,00	94	50,00	92	10,00	92	10,00	0	0*	0	0,
291	92	10,00	92	10,00	92	0,	92	0,	0	0*	0	0,
294	92	0,	92	0,	92	0*	91	0,	0	0*	0	0,
297	92	0,	92	0,	91	0*	91	0,	0	0*	0	0,
300	91	0,	91	0,	91	0,	91	0,	0	0*	0	0,
303	91	0,	91	0,	91	0*	91	0,	0	0*	0	0,
306	91	0,	91	0,	90	0,	90	0,	0	0*	0	0,

TABLE 39 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
309	91	0,	91	0,	90	0,	90	0,	0	0%	0	0,
312	91	0,	90	0,	90	0,	90	0,	0	0%	0	0,
315	90	0,	90	0,	90	0,	90	0,	0	0%	0	0,
318	90	0,	90	0,	90	0,	90	0,	0	0%	0	0,
321	90	0,	90	0,	90	0,	89	0,	0	0%	0	0,
324	90	0,	90	0,	90	0,	89	0,	0	0%	0	0,
327	90	0,	90	0,	89	0,	89	0,	0	0%	0	0,
330	90	0,	89	0,	89	0,	89	0,	0	0%	0	0,
333	89	0,	89	0,	89	0,	89	0,	0	0%	0	0,
336	89	0,	89	0,	89	0,	89	0,	0	0%	0	0,
339	89	0,	89	0,	89	0,	89	0,	0	0%	0	0,
342	89	0,	89	0,	89	0,	88	0,	0	0%	0	0,
345	89	0,	89	0,	89	0,	88	0,	0	0%	0	0,
348	89	0,	89	0,	88	0,	88	0,	0	0%	0	0,
351	89	0,	89	0,	88	0,	88	0,	0	0%	0	0,
354	89	20,00	88	0,	88	0,	88	0,	0	0%	0	0,
357	90	50,00	89	0,	88	0,	88	0,	0	0%	0	0,
360	0	100,00	89	30,00	88	0,	88	0,	0	0%	0	0,
AVERAGE SHIELDING		8,75		4,17		0,58		0,00		0%		0,
AVERAGE TARGET CONTACT ANGLE		90		90		90		89		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 8

SHIELDING OF TARGET AT POSITION D

RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	89	40,00	88	0,	88	0,	88	0,	0	0*	0	0,
5	89	50,00	88	0,	88	0,	88	0,	0	0*	0	0,
7	88	20,00	88	0,	88	0,	87	0,	0	0*	0	0,
10	88	10,00	88	0,	87	0,	87	0,	0	0*	0	0,
12	88	0,	88	0,	87	0,	87	0,	0	0*	0	0,
15	88	0,	87	0,	87	0,	87	0,	0	0*	0	0,
18	87	0,	87	0,	87	0,	87	0,	0	0*	0	0,
20	87	0,	87	0,	87	0,	87	0,	0	0*	0	0,
23	87	10,00	87	0,	87	0,	87	0,	0	0*	0	0,
25	87	20,00	87	0,	87	0,	87	0,	0	0*	0	0,
28	88	30,00	87	0,	87	0,	87	0,	0	0*	0	0,
30	87	20,00	87	0,	87	0,	87	0,	0	0*	0	0,
33	87	10,00	87	0,	87	0,	86	0,	0	0*	0	0,
36	87	0,	87	0,	87	0,	86	0,	0	0*	0	0,
38	87	0,	87	0,	87	0,	86	0,	0	0*	0	0,
41	87	0,	87	0,	87	0,	86	0,	0	0*	0	0,
43	87	0,	87	0,	87	0,	86	0,	0	0*	0	0,
46	87	0,	87	0,	87	0,	86	0,	0	0*	0	0,
48	87	0,	87	0,	87	0,	86	0,	0	0*	0	0,
51	87	0,	87	0,	87	0,	87	0,	0	0*	0	0,
54	87	0,	87	0,	87	0,	87	0,	0	0*	0	0,
56	87	0,	87	0,	87	0,	87	0,	0	0*	0	0,
59	88	0,	88	0,	87	0,	87	0,	0	0*	0	0,
61	88	0,	88	0,	88	0,	87	0,	0	0*	0	0,
64	88	20,00	88	0,	88	0,	88	0,	0	0*	0	0,
66	89	30,00	88	10,00	88	0,	88	0,	0	0*	0	0,
69	89	30,00	89	20,00	88	0,	88	0,	0	0*	0	0,
72	89	40,00	89	20,00	88	0,	88	0,	0	0*	0	0,
74	89	20,00	89	0,	89	0,	88	0,	0	0*	0	0,
77	89	20,00	89	10,00	89	0,	89	0,	0	0*	0	0,
79	90	50,00	89	20,00	89	0,	89	0,	0	0*	0	0,
82	89	20,00	89	10,00	89	0,	89	0,	0	0*	0	0,
84	89	10,00	89	0,	88	0,	88	0,	0	0*	0	0,
87	89	0,	88	0,	88	0,	88	0,	0	0*	0	0,

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
90	89	0,	88	0,	88	0,	88	0,	0	0*	0	0,
92	89	0,	89	0,	88	0,	88	0,	0	0*	0	0,
95	89	0,	89	0,	89	0,	88	0,	0	0*	0	0,
97	90	10,00	89	10,00	89	0,	89	0,	0	0*	0	0,
100	90	10,00	90	10,00	90	0,	89	0,	0	0*	0	0,
102	90	0,	90	0,	90	0,	89	0,	0	0*	0	0,
105	90	0,	90	0,	90	0,	89	0,	0	0*	0	0,
108	90	0,	90	0,	90	0,	89	0,	0	0*	0	0,
110	90	0,	90	0,	90	0,	90	0,	0	0*	0	0,
113	90	0,	90	0,	90	0,	90	0,	0	0*	0	0,
115	90	0,	90	0,	90	0,	90	0,	0	0*	0	0,
118	90	0,	90	0,	90	0,	90	0,	0	0*	0	0,
120	90	0,	90	0,	90	0,	90	0,	0	0*	0	0,
123	90	0,	90	0,	90	0,	90	0,	0	0*	0	0,
126	90	0,	90	0,	90	0,	90	0,	0	0*	0	0,
128	90	0,	90	0,	90	0,	90	0,	0	0*	0	0,
131	91	0,	90	0,	90	0,	90	0,	0	0*	0	0,
133	91	0,	90	0,	90	0,	90	0,	0	0*	0	0,
136	91	0,	90	0,	90	0,	90	0,	0	0*	0	0,
138	91	0,	90	0,	90	0,	90	0,	0	0*	0	0,
141	91	0,	90	0,	90	0,	90	0,	0	0*	0	0,
144	90	0,	90	0,	90	0,	90	0,	0	0*	0	0,
146	90	0,	90	0,	90	0,	90	0,	0	0*	0	0,
149	90	0,	90	0,	90	0,	90	0,	0	0*	0	0,
151	90	0,	90	0,	90	0,	90	0,	0	0*	0	0,
154	90	0,	90	0,	90	0,	89	0,	0	0*	0	0,
156	90	0,	90	0,	90,	0,	89	0,	0	0*	0	0,
159	90	0,	90	0,	89	0,	89	0,	0	0*	0	0,
162	90	0,	90	0,	89	0,	89	0,	0	0*	0	0,
164	90	0,	90	0,	89	0,	89	0,	0	0*	0	0,
167	90	0,	90	0,	89	0,	89	0,	0	0*	0	0,
169	90	0,	90	0,	89	0,	89	0,	0	0*	0	0,
172	90	0,	90	0,	89	0,	89	0,	0	0*	0	0,
174	90	0,	90	0,	89	0,	89	0,	0	0*	0	0,

TABLE 39 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
177	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
180	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
182	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
185	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
187	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
190	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
192	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
195	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
198	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
200	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
203	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
205	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
208	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
210	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
213	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
216	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
218	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
221	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
223	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
226	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
228	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
231	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
234	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
236	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
239	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
241	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
244	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
246	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
249	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
252	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
254	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
257	92	10.00	92	0.	92	0.	92	0.	0	0.	0	0.
259	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
262	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.

TABLE 39 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 0 CM
264	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
267	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
270	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
272	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
275	91	10,00	91	0,	91	0,	91	0,	0	0,	0	0,
277	92	30,00	92	20,00	91	10,00	91	0,	0	0,	0	0,
280	93	50,00	93	30,00	92	20,00	92	10,00	0	0,	0	0,
282	94	60,00	93	40,00	93	30,00	92	20,00	0	0,	0	0,
285	95	70,00	94	50,00	93	30,00	93	20,00	0	0,	0	0,
288	0	100,00	95	80,00	93	40,00	93	20,00	0	0,	0	0,
290	0	100,00	0	100,00	95	90,00	94	50,00	0	0,	0	0,
293	0	100,00	0	100,00	94	60,00	92	10,00	0	0,	0	0,
295	0	100,00	0	100,00	0	100,00	92	20,00	0	0,	0	0,
298	0	100,00	93	70,00	92	0,	91	0,	0	0,	0	0,
300	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
303	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
306	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
308	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
311	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
313	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
316	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
318	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
321	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
324	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
326	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
329	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
331	90	0,	89	0,	89	0,	89	0,	0	0,	0	0,
334	89	10,00	89	0,	89	0,	89	0,	0	0,	0	0,
336	89	10,00	89	0,	89	0,	89	0,	0	0,	0	0,
339	90	20,00	89	0,	89	0,	89	0,	0	0,	0	0,
342	89	20,00	89	0,	89	0,	89	0,	0	0,	0	0,
344	90	30,00	89	0,	89	0,	89	0,	0	0,	0	0,
347	90	40,00	89	10,00	89	0,	89	0,	0	0,	0	0,
349	91	80,00	89	20,00	89	0,	88	0,	0	0,	0	0,

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
352	0	100.00	90	60.00	89	0.	88	0.	0	0.	0	0.
354	0	100.00	89	40.00	88	0.	88	0.	0	0.	0	0.
357	91	90.00	89	20.00	88	0.	88	0.	0	0.	0	0.
360	90	80.00	88	10.00	88	0.	88	0.	0	0.	0	0.
AVERAGE SHIELDING		12.71		6.14		2.71		1.07		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		89		89		0		0

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE X 39

SHIELDING OF TARGET AT POSITION D
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	0	100,00	0	100,00	90	60,00	88	20,00	0	0,	0	0,
4	0	100,00	90	90,00	89	50,00	88	10,00	0	0,	0	0,
6	90	90,00	89	60,00	88	20,00	88	0,	0	0,	0	0,
9	90	80,00	89	60,00	88	20,00	88	0,	0	0,	0	0,
11	89	70,00	89	50,00	88	10,00	88	0,	0	0,	0	0,
13	89	70,00	88	40,00	88	0,	87	0,	0	0,	0	0,
15	89	60,00	88	30,00	88	0,	87	0,	0	0,	0	0,
18	89	50,00	88	20,00	87	0,	87	0,	0	0,	0	0,
20	88	40,00	87	10,00	87	0,	87	0,	0	0,	0	0,
22	88	30,00	87	10,00	87	0,	87	0,	0	0,	0	0,
24	88	30,00	88	20,00	87	0,	87	0,	0	0,	0	0,
27	88	40,00	87	20,00	87	0,	87	0,	0	0,	0	0,
29	88	40,00	87	20,00	87	0,	87	0,	0	0,	0	0,
31	88	40,00	87	20,00	87	0,	87	0,	0	0,	0	0,
33	88	30,00	87	10,00	87	0,	87	0,	0	0,	0	0,
36	87	20,00	87	0,	87	0,	87	0,	0	0,	0	0,
38	87	10,00	87	0,	87	0,	87	0,	0	0,	0	0,
40	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
42	87	0,	87	0,	87	0,	86	0,	0	0,	0	0,
45	87	0,	87	0,	87	0,	86	0,	0	0,	0	0,
47	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
49	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
51	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
54	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
56	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
58	88	0,	87	0,	87	0,	87	0,	0	0,	0	0,
60	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
63	88	10,00	88	0,	88	0,	87	0,	0	0,	0	0,
65	88	20,00	88	10,00	88	0,	86	0,	0	0,	0	0,
67	89	30,00	88	10,00	88	0,	88	0,	0	0,	0	0,
69	89	30,00	89	20,00	88	0,	88	0,	0	0,	0	0,
72	89	40,00	89	30,00	89	10,00	88	0,	0	0,	0	0,
74	89	30,00	89	20,00	89	0,	89	0,	0	0,	0	0,
76	89	20,00	89	10,00	89	0,	89	0,	0	0,	0	0,

TABLE 39 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
78	90	30.00	89	10.00	89	0.	89	0.	0	0.	0	0.
81	90	40.00	89	20.00	89	10.00	89	0.	0	0.	0	0.
83	89	30.00	89	20.00	89	0.	89	0.	0	0.	0	0.
85	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
87	89	0.	88	0.	88	0.	88	0.	0	0.	0	0.
90	89	0.	88	0.	88	0.	88	0.	0	0.	0	0.
92	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
94	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
96	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
99	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
101	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
103	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
105	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
108	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
110	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
112	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
114	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
117	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
119	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
121	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
123	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
126	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
128	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
130	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
132	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
135	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
137	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
139	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
141	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
144	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
146	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
148	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
150	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
153	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.

TABLE X 39 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BORST 0 CM
155	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
157	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
159	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
162	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
164	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
166	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
168	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
171	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
173	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
175	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
177	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
180	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
182	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
184	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
186	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
189	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
191	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
193	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
195	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
198	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
200	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
202	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
204	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
207	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
209	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
211	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
213	90	0.	90	0.	89.	0.	89	0.	0	0.	0	0.
216	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
218	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
220	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
222	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
225	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
227	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
229	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.

TABLE 39 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BORST 0 CM
231	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
234	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
236	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
238	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
240	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
243	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
245	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
247	92	0,	91	0,	91	0,	91	0,	0	0,	0	0,
249	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
252	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
254	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
256	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
258	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
261	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
263	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
265	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
267	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
270	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
272	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
274	91	10,00	91	0,	91	0,	91	0,	0	0,	0	0,
276	92	30,00	92	20,00	91	10,00	91	0,	0	0,	0	0,
279	92	30,00	92	20,00	92	20,00	91	10,00	0	0,	0	0,
281	93	30,00	92	20,00	92	20,00	92	10,00	0	0,	0	0,
283	92	20,00	92	20,00	92	10,00	92	10,00	0	0,	0	0,
285	93	20,00	93	20,00	92	20,00	92	10,00	0	0,	0	0,
288	93	20,00	93	20,00	92	10,00	92	10,00	0	0,	0	0,
290	94	50,00	93	30,00	92,	10,00	92	10,00	0	0,	0	0,
292	94	80,00	94	70,00	93	40,00	92	20,00	0	0,	0	0,
294	0	100,00	94	70,00	93	40,00	92	10,00	0	0,	0	0,
297	0	100,00	94	80,00	93	50,00	92	10,00	0	0,	0	0,
299	93	80,00	93	60,00	92	20,00	91	0,	0	0,	0	0,
301	92	40,00	91	10,00	91	0,	91	0,	0	0,	0	0,
303	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
306	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
308	91	10,00	91	0,	90	0,	90	0,	0	0%	0	0,
310	91	10,00	91	0,	90	0,	90	0,	0	0%	0	0,
312	91	20,00	90	0,	90	0,	90	0,	0	0%	0	0,
315	91	20,00	90	0,	90	0,	90	0,	0	0%	0	0,
317	91	30,00	90	0,	90	0,	90	0,	0	0%	0	0,
319	90	10,00	90	0,	90	0,	90	0,	0	0%	0	0,
321	90	10,00	90	0,	90	0,	90	0,	0	0%	0	0,
324	90	20,00	90	0,	90	0,	90	0,	0	0%	0	0,
326	90	20,00	90	0,	90	0,	89	0,	0	0%	0	0,
328	90	20,00	90	0,	90	0,	89	0,	0	0%	0	0,
330	90	30,00	90	10,00	89	0,	89	0,	0	0%	0	0,
333	90	30,00	90	10,00	89	0,	89	0,	0	0%	0	0,
335	90	30,00	89	10,00	89	0,	89	0,	0	0%	0	0,
337	90	30,00	90	20,00	89	0,	89	0,	0	0%	0	0,
339	91	60,00	90	30,00	89	10,00	89	0,	0	0%	0	0,
342	0	100,00	91	60,00	90	30,00	89	0,	0	0%	0	0,
344	0	100,00	0	100,00	90	50,00	89	20,00	0	0%	0	0,
346	0	100,00	0	100,00	91	80,00	90	40,00	0	0%	0	0,
348	0	100,00	0	100,00	0	100,00	90	60,00	0	0%	0	0,
351	0	100,00	0	100,00	0	100,00	91	90,00	0	0%	0	0,
353	0	100,00	0	100,00	0	100,00	0	100,00	0	0%	0	0,
355	0	100,00	0	100,00	0	100,00	91	90,00	0	0%	0	0,
357	0	100,00	0	100,00	0	100,00	90	80,00	0	0%	0	0,
360	0	100,00	0	100,00	90	90,00	89	50,00	0	0%	0	0,
AVERAGE SHIELDING		19,80		13,06		7,44		4,12		0%		0,
AVERAGE TARGET CONTACT ANGLE		90		90		89		89		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 10

SHIELDING OF TARGET AT POSITION E

RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 19 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 0 CM
18	91	0,	90	0,	89	0,	87	0,	0	0%	0	0,
36	90	0,	89	0,	88	0,	86	0,	0	0%	0	0,
54	89	0,	88	0,	87	0,	85	0,	0	0%	0	0,
72	89	0,	88	0,	87	0,	86	0,	0	0%	0	0,
90	91	0,	90	0,	88	0,	87	0,	0	0%	0	0,
108	92	0,	91	0,	89	0,	88	0,	0	0%	0	0,
126	94	0,	93	0,	92	0,	90	0,	0	0%	0	0,
144	96	0,	95	0,	94	0,	92	0,	0	0%	0	0,
162	98	0,	97	0,	95	0,	94	0,	0	0%	0	0,
180	91	0,	90	0,	88	0,	87	0,	0	0%	0	0,
198	98	0,	98	0,	96	0,	95	0,	0	0%	0	0,
216	98	0,	97	0,	95	0,	94	0,	0	0%	0	0,
234	96	0,	95	0,	94	0,	92	0,	0	0%	0	0,
252	93	0,	92	0,	91	0,	90	0,	0	0%	0	0,
270	92	0,	91	0,	89	0,	88	0,	0	0%	0	0,
288	91	0,	90	0,	89	0,	88	0,	0	0%	0	0,
306	91	0,	90	0,	89	0,	87	0,	0	0%	0	0,
324	92	0,	91	0,	89	0,	88	0,	0	0%	0	0,
342	92	0,	91	0,	89	0,	88	0,	0	0%	0	0,
360	92	10,00	91	0,	89	0,	88	0,	0	0%	0	0,
AVERAGE SHIELDING		0,50		0,		0,		0,		0%		0,
AVERAGE TARGET CONTACT ANGLE		93		92		90		89		0		0

* 90 MEARS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE NO 2

TABLE 4a (Ch 4 of 25)

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TABLE 8
SHIELDING OF TARGET AT POSITION E
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
9	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
18	89	0,	89	0,	88	0,	87	0,	0	0,	0	0,
27	89	0,	88	0,	88	0,	87	0,	0	0,	0	0,
36	89	0,	88	0,	87	0,	87	0,	0	0,	0	0,
45	89	0,	89	0,	88	0,	87	0,	0	0,	0	0,
54	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
63	89	10,00	89	0,	88	0,	88	0,	0	0,	0	0,
72	89	0,	88	0,	88	0,	87	0,	0	0,	0	0,
81	89	0,	88	0,	88	0,	87	0,	0	0,	0	0,
90	90	0,	90	0,	89	0,	88	0,	0	0,	0	0,
99	90	0,	90	0,	89	0,	88	0,	0	0,	0	0,
108	92	0,	91	0,	91	0,	90	0,	0	0,	0	0,
117	93	0,	92	0,	92	0,	91	0,	0	0,	0	0,
126	94	0,	93	0,	93	0,	92	0,	0	0,	0	0,
135	94	0,	94	0,	93	0,	92	0,	0	0,	0	0,
144	95	0,	94	0,	93	0,	93	0,	0	0,	0	0,
153	95	0,	94	0,	94	0,	93	0,	0	0,	0	0,
162	95	0,	95	0,	94	0,	93	0,	0	0,	0	0,
171	96	0,	95	0,	94	0,	94	0,	0	0,	0	0,
180	96	0,	95	0,	95	0,	94	0,	0	0,	0	0,
189	96	0,	96	0,	95	0,	94	0,	0	0,	0	0,
198	96	0,	96	0,	95	0,	94	0,	0	0,	0	0,
207	96	0,	96	0,	95	0,	94	0,	0	0,	0	0,
216	96	0,	96	0,	95	0,	95	0,	0	0,	0	0,
225	96	0,	96	0,	95	0,	94	0,	0	0,	0	0,
234	96	0,	96	0,	95	0,	94	0,	0	0,	0	0,
243	95	0,	95	0,	94	0,	93	0,	0	0,	0	0,
252	94	0,	93	0,	93	0,	92	0,	0	0,	0	0,
261	92	0,	92	0,	91	0,	90	0,	0	0,	0	0,
270	91	0,	91	0,	90	0,	89	0,	0	0,	0	0,
279	91	0,	91	0,	90	0,	89	0,	0	0,	0	0,
288	91	0,	90	0,	90	0,	89	0,	0	0,	0	0,
297	92	10,00	91	0,	90	0,	90	0,	0	0,	0	0,
306	95	40,00	93	20,00	92	0,	91	0,	0	0,	0	0,

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
315	95	30.00	93	20.00	92	0.	91	0.	0	0.	0	0.
324	94	20.00	92	10.00	92	0.	91	0.	0	0.	0	0.
333	92	0.	92	0.	91	0.	90	0.	0	0.	0	0.
342	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
351	91	0.	90	0.	89	0.	89	0.	0	0.	0	0.
360	90	0.	89	0.	89	0.	88	0.	0	0.	0	0.
AVERAGE SHIELDING		2.75		1.25		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		92		91		91		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 8

SHIELDING OF TARGET AT POSITION E

RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 100 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
6	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
12	89	0,	88	0,	88	0,	87	0,	0	0,	0	0,
18	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
24	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
30	88	0,	87	0,	87	0,	86	0,	0	0,	0	0,
36	88	0,	87	0,	87	0,	86	0,	0	0,	0	0,
42	88	0,	87	0,	87	0,	86	0,	0	0,	0	0,
48	88	0,	87	0,	87	0,	87	0,	0	0,	0	0,
54	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
60	89	0,	88	0,	88	0,	87	0,	0	0,	0	0,
66	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
72	89	10.00	89	0,	88	0,	88	0,	0	0,	0	0,
78	89	0,	88	0,	88	0,	87	0,	0	0,	0	0,
84	89	0,	88	0,	88	0,	87	0,	0	0,	0	0,
90	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
96	90	0,	89	0,	89	0,	88	0,	0	0,	0	0,
102	91	0,	90	0,	90	0,	89	0,	0	0,	0	0,
108	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
114	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
120	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
126	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
132	93	0,	92	0,	92	0,	91	0,	0	0,	0	0,
138	93	0,	93	0,	92	0,	92	0,	0	0,	0	0,
144	93	0,	93	0,	92	0,	92	0,	0	0,	0	0,
150	93	0,	93	0,	92	0,	92	0,	0	0,	0	0,
156	93	0,	93	0,	93	0,	92	0,	0	0,	0	0,
162	94	0,	93	0,	93	0,	92	0,	0	0,	0	0,
168	94	0,	94	0,	93	0,	93	0,	0	0,	0	0,
174	94	0,	94	0,	93	0,	93	0,	0	0,	0	0,
180	94	0,	94	0,	93	0,	93	0,	0	0,	0	0,
186	94	0,	94	0,	93	0,	93	0,	0	0,	0	0,
192	94	0,	94	0,	94	0,	93	0,	0	0,	0	0,
198	94	0,	94	0,	94	0,	93	0,	0	0,	0	0,
204	94	0,	94	0,	94	0,	93	0,	0	0,	0	0,

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 0 CM
210	95	0,	94	0,	94	0,	93	0,	0	0%	0	0,
216	95	0,	94	0,	94	0,	93	0,	0	0%	0	0,
222	95	0,	94	0,	94	0,	93	0,	0	0%	0	0,
228	95	0,	94	0,	94	0,	94	0,	0	0%	0	0,
234	95	0,	95	0,	94	0,	94	0,	0	0%	0	0,
240	95	0,	95	0,	94	0,	94	0,	0	0%	0	0,
246	95	10,00	95	10,00	94	0,	94	0,	0	0%	0	0,
252	94	10,00	94	0,	93	0,	93	0,	0	0%	0	0,
258	93	10,00	93	0,	92	0,	92	0,	0	0%	0	0,
264	92	0,	91	0,	91	0,	90	0,	0	0%	0	0,
270	91	0,	91	0,	90	0,	90	0,	0	0%	0	0,
276	91	0,	91	0,	90	0,	90	0,	0	0%	0	0,
282	91	0,	91	0,	90	0,	90	0,	0	0%	0	0,
288	92	20,00	91	10,00	91	0,	90	0,	0	0%	0	0,
294	94	30,00	93	20,00	92	10,00	91	0,	0	0%	0	0,
300	95	40,00	94	30,00	92	10,00	92	10,00	0	0%	0	0,
306	94	30,00	94	30,00	93	20,00	92	10,00	0	0%	0	0,
312	94	20,00	93	20,00	92	10,00	92	0,	0	0%	0	0,
318	93	10,00	92	10,00	92	10,00	92	0,	0	0%	0	0,
324	92	10,00	92	10,00	92	0,	91	0,	0	0%	0	0,
330	92	0,	92	0,	91	0,	91	0,	0	0%	0	0,
336	91	0,	91	0,	91	0,	90	0,	0	0%	0	0,
342	91	0,	91	0,	90	0,	90	0,	0	0%	0	0,
348	90	0,	90	0,	90	0,	89	0,	0	0%	0	0,
354	90	0,	90	0,	89	0,	89	0,	0	0%	0	0,
360	90	0,	89	0,	89	0,	88	0,	0	0%	0	0,
AVERAGE SHIELDING		3,33		2,33		1,00		0,33		0%		0,
AVERAGE TARGET CONTACT ANGLE		92		91		91		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 10

SHIELDING OF TARGET AT POSITION E
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
4	88	0,	88	0,	88	0,	88	0,	0	0%	0	0,
9	88	0,	88	0,	88	0,	87	0,	0	0%	0	0,
13	88	0,	88	0,	87	0,	87	0,	0	0%	0	0,
18	88	0,	87	0,	87	0,	87	0,	0	0%	0	0,
22	87	0,	87	0,	87	0,	86	0,	0	0%	0	0,
27	87	0,	87	0,	87	0,	86	0,	0	0%	0	0,
31	87	0,	87	0,	86	0,	86	0,	0	0%	0	0,
36	87	0,	87	0,	87	0,	86	0,	0	0%	0	0,
40	87	0,	87	0,	87	0,	86	0,	0	0%	0	0,
45	87	0,	87	0,	87	0,	86	0,	0	0%	0	0,
49	88	0,	87	0,	87	0,	87	0,	0	0%	0	0,
54	88	0,	88	0,	87	0,	87	0,	0	0%	0	0,
58	88	0,	88	0,	87	0,	87	0,	0	0%	0	0,
63	88	0,	88	0,	88	0,	87	0,	0	0%	0	0,
67	89	0,	89	0,	88	0,	88	0,	0	0%	0	0,
72	89	0,	89	0,	89	0,	88	0,	0	0%	0	0,
76	89	10,00	89	0,	88	0,	88	0,	0	0%	0	0,
81	89	0,	88	0,	88	0,	88	0,	0	0%	0	0,
85	89	0,	88	0,	88	0,	88	0,	0	0%	0	0,
90	89	0,	88	0,	88	0,	88	0,	0	0%	0	0,
94	89	0,	89	0,	89	0,	88	0,	0	0%	0	0,
99	90	0,	90	0,	90	0,	89	0,	0	0%	0	0,
103	91	10,00	91	0,	90	0,	90	0,	0	0%	0	0,
108	91	0,	91	0,	91	0,	90	0,	0	0%	0	0,
112	91	0,	91	0,	91	0,	90	0,	0	0%	0	0,
117	91	0,	91	0,	91	0,	90	0,	0	0%	0	0,
121	92	0,	91	0,	91	0,	91	0,	0	0%	0	0,
126	92	0,	91	0,	91	0,	91	0,	0	0%	0	0,
130	92	0,	92	0,	91	0,	91	0,	0	0%	0	0,
135	92	0,	92	0,	91	0,	91	0,	0	0%	0	0,
139	92	0,	92	0,	91	0,	91	0,	0	0%	0	0,
144	92	0,	92	0,	92	0,	91	0,	0	0%	0	0,
148	92	0,	92	0,	92	0,	91	0,	0	0%	0	0,
153	92	0,	92	0,	92	0,	92	0,	0	0%	0	0,

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 18 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 9 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
157	92	0,	92	0,	92	0,	92	0,	0	0,	0	0,
162	93	0,	92	0,	92	0,	92	0,	0	0,	0	0,
166	93	0,	92	0,	92	0,	92	0,	0	0,	0	0,
171	93	0,	92	0,	92	0,	92	0,	0	0,	0	0,
175	93	0,	92	0,	92	0,	92	0,	0	0,	0	0,
180	93	0,	92	0,	92	0,	92	0,	0	0,	0	0,
184	93	0,	93	0,	92	0,	92	0,	0	0,	0	0,
189	93	0,	93	0,	92	0,	92	0,	0	0,	0	0,
193	93	0,	93	0,	92	0,	92	0,	0	0,	0	0,
198	93	0,	93	0,	92	0,	92	0,	0	0,	0	0,
202	93	0,	93	0,	93	0,	92	0,	0	0,	0	0,
207	93	0,	93	0,	93	0,	92	0,	0	0,	0	0,
211	93	0,	93	0,	93	0,	92	0,	0	0,	0	0,
216	93	0,	93	0,	93	0,	92	0,	0	0,	0	0,
220	93	0,	93	0,	93	0,	92	0,	0	0,	0	0,
225	93	0,	93	0,	93	0,	93	0,	0	0,	0	0,
229	94	0,	93	0,	93	0,	93	0,	0	0,	0	0,
234	94	0,	93	0,	93	0,	93	0,	0	0,	0	0,
238	94	0,	94	0,	93	0,	93	0,	0	0,	0	0,
243	94	0,	94	0,	93	0,	93	0,	0	0,	0	0,
247	94	0,	94	0,	94	0,	93	0,	0	0,	0	0,
252	94	10,00	94	10,00	94	0,	93	0,	0	0,	0	0,
256	94	30,00	93	10,00	93	0,	92	0,	0	0,	0	0,
261	92	10,00	92	0,	92	0,	91	0,	0	0,	0	0,
265	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
270	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
274	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
279	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
283	92	20,00	91	10,00	91	0,	90	0,	0	0,	0	0,
288	93	30,00	92	20,00	92	10,00	91	0,	0	0,	0	0,
292	93	35,00	93	30,00	92	20,00	92	10,00	0	0,	0	0,
297	94	30,00	93	20,00	93	20,00	92	10,00	0	0,	0	0,
301	93	20,00	92	10,00	92	10,00	92	10,00	0	0,	0	0,
306	92	10,00	92	10,00	92	10,00	92	0,	0	0,	0	0,

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
310	92	10.00	92	10.00	92	0.	91	0.	0	0%	0	0.
315	92	0.	92	0.	91	0.	91	0.	0	0%	0	0.
319	92	0.	91	0.	91	0.	91	0.	0	0%	0	0.
324	91	0.	91	0.	91	0.	90	0.	0	0%	0	0.
328	91	0.	91	0.	90	0.	90	0.	0	0%	0	0.
333	90	0.	90	0.	90	0.	90	0.	0	0%	0	0.
337	90	0.	90	0.	90	0.	89	0.	0	0%	0	0.
342	90	0.	90	0.	89	0.	89	0.	0	0%	0	0.
346	90	0.	89	0.	89	0.	89	0.	0	0%	0	0.
351	89	0.	89	0.	89	0.	88	0.	0	0%	0	0.
355	89	0.	89	0.	88	0.	88	0.	0	0%	0	0.
360	89	0.	89	0.	88	0.	88	0.	0	0%	0	0.
AVERAGE SHIELDING		2.75		1.62		0.87		0.37		0%		0.
AVERAGE TARGET CONTACT ANGLE		91		91		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE X

SHIELDING OF TARGET AT POSITION E

RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
7	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
10	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
14	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
18	87	0,	87	0,	87	0,	86	0,	0	0,	0	0,
21	87	0,	87	0,	87	0,	86	0,	0	0,	0	0,
25	87	0,	87	0,	86	0,	86	0,	0	0,	0	0,
28	87	0,	87	0,	86	0,	86	0,	0	0,	0	0,
32	87	0,	87	0,	86	0,	86	0,	0	0,	0	0,
36	87	0,	87	0,	87	0,	86	0,	0	0,	0	0,
39	87	0,	87	0,	87	0,	86	0,	0	0,	0	0,
43	87	0,	87	0,	87	0,	86	0,	0	0,	0	0,
46	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
50	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
54	88	0,	87	0,	87	0,	87	0,	0	0,	0	0,
57	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
61	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
64	88	0,	88	0,	88	0,	88	0,	0	0,	0	0,
68	89	0,	89	0,	88	0,	88	0,	0	0,	0	0,
72	89	0,	89	0,	89	0,	88	0,	0	0,	0	0,
75	89	10.00	89	10.00	89	0,	88	0,	0	0,	0	0,
79	89	10.00	89	0,	88	0,	88	0,	0	0,	0	0,
82	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
86	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
90	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
93	89	0,	89	0,	89	0,	88	0,	0	0,	0	0,
97	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
100	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
104	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
108	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
111	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
115	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
118	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
122	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 18 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
126	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
129	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
133	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
136	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
140	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
144	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
147	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
151	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
154	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
158	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
162	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
165	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
169	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
172	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
176	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
180	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
183	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
187	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
190	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
194	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
198	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
201	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
205	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
208	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
212	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
216	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
219	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
223	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
226	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
230	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
234	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
237	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
241	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
244	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 19 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
248	93	0,	93	0,	93	0,	93	0,	0	0%	0	0,
252	94	0,	93	0,	93	0,	93	0,	0	0%	0	0,
255	93	10,00	93	10,00	93	0,	93	0,	0	0%	0	0,
259	93	10,00	93	10,00	92	0,	92	0,	0	0%	0	0,
262	92	0,	92	0,	91	0,	91	0,	0	0%	0	0,
266	91	0,	91	0,	91	0,	90	0,	0	0%	0	0,
270	91	0,	91	0,	90	0,	90	0,	0	0%	0	0,
273	91	0,	91	0,	90	0,	90	0,	0	0%	0	0,
277	91	0,	91	0,	90	0,	90	0,	0	0%	0	0,
280	92	30,00	91	10,00	91	0,	91	0,	0	0%	0	0,
284	93	40,00	92	30,00	91	10,00	91	10,00	0	0%	0	0,
288	93	30,00	93	30,00	92	20,00	92	10,00	0	0%	0	0,
291	93	20,00	93	20,00	92	10,00	92	10,00	0	0%	0	0,
295	93	20,00	92	10,00	92	10,00	92	10,00	0	0%	0	0,
298	92	10,00	92	10,00	92	10,00	92	10,00	0	0%	0	0,
302	92	10,00	92	10,00	92	0,	91	0,	0	0%	0	0,
306	92	0,	91	0,	91	0,	91	0,	0	0%	0	0,
309	91	0,	91	0,	91	0,	91	0,	0	0%	0	0,
313	91	0,	91	0,	91	0,	90	0,	0	0%	0	0,
316	91	0,	91	0,	90	0,	90	0,	0	0%	0	0,
320	90	0,	90	0,	90	0,	90	0,	0	0%	0	0,
324	90	0,	90	0,	90	0,	90	0,	0	0%	0	0,
327	90	0,	90	0,	90	0,	89	0,	0	0%	0	0,
331	90	0,	90	0,	89	0,	89	0,	0	0%	0	0,
334	90	0,	90	0,	89	0,	89	0,	0	0%	0	0,
338	89	0,	89	0,	89	0,	89	0,	0	0%	0	0,
342	89	0,	89	0,	89	0,	88	0,	0	0%	0	0,
345	89	0,	89	0,	88	0,	88	0,	0	0%	0	0,
349	89	0,	89	0,	88	0,	88	0,	0	0%	0	0,
352	88	0,	88	0,	88	0,	88	0,	0	0%	0	0,
356	88	0,	88	0,	88	0,	88	0,	0	0%	0	0,
360	88	0,	88	0,	88	0,	87	0,	0	0%	0	0,
AVERAGE SHIELDING		2,00		1,50		0,60		0,50		0%		0,
AVERAGE TARGET CONTACT ANGLE		90		90		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 60

SHIELDING OF TARGET AT POSITION E

RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	90	70,00	88	0,	88	0,	87	0,	0	0,	0	0,
6	90	70,00	88	0,	88	0,	87	0,	0	0,	0	0,
9	88	10,00	88	0,	87	0,	87	0,	0	0,	0	0,
12	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
15	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
18	87	0,	87	0,	87	0,	86	0,	0	0,	0	0,
21	87	0,	87	0,	87	0,	86	0,	0	0,	0	0,
24	87	0,	87	0,	87	0,	86	0,	0	0,	0	0,
27	87	0,	87	0,	87	0,	86	0,	0	0,	0	0,
30	87	0,	87	0,	86	0,	86	0,	0	0,	0	0,
33	87	0,	87	0,	86	0,	86	0,	0	0,	0	0,
36	87	0,	87	0,	86	0,	86	0,	0	0,	0	0,
39	87	0,	87	0,	87	0,	86	0,	0	0,	0	0,
42	87	0,	87	0,	87	0,	86	0,	0	0,	0	0,
45	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
48	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
51	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
54	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
57	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
60	88	10,00	88	0,	88	0,	88	0,	0	0,	0	0,
63	88	10,00	88	0,	88	0,	88	0,	0	0,	0	0,
66	89	20,00	88	0,	88	0,	88	0,	0	0,	0	0,
69	89	0,	89	0,	89	0,	88	0,	0	0,	0	0,
72	89	10,00	89	0,	89	0,	89	0,	0	0,	0	0,
75	90	20,00	89	10,00	89,	0,	89	0,	0	0,	0	0,
78	90	30,00	89	20,00	89	10,00	89	0,	0	0,	0	0,
81	89	20,00	89	10,00	88	0,	88	0,	0	0,	0	0,
84	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
87	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
90	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
93	89	0,	89	0,	89	0,	88	0,	0	0,	0	0,
96	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
99	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
102	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,

TABLE 40 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
105	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
108	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
111	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
114	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
117	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
120	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
123	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
126	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
129	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
132	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
135	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
138	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
141	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
144	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
147	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
150	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
153	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
156	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
159	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
162	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
165	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
168	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
171	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
174	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
177	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
180	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
183	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
186	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
189	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
192	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
195	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
198	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
201	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
204	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.

TABLE 40 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
207	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
210	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
213	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
216	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
219	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
222	92	0,	91	0,	91	0,	91	0,	0	0,	0	0,
225	92	0,	91	0,	91	0,	91	0,	0	0,	0	0,
228	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
231	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
234	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
237	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
240	92	0,	92	0,	92	0,	92	0,	0	0,	0	0,
243	92	0,	92	0,	92	0,	92	0,	0	0,	0	0,
246	93	0,	92	0,	92	0,	92	0,	0	0,	0	0,
249	93	0,	93	0,	92	0,	92	0,	0	0,	0	0,
252	93	0,	93	0,	93	0,	92	0,	0	0,	0	0,
255	93	10,00	93	0,	93	0,	93	0,	0	0,	0	0,
258	93	10,00	93	10,00	93	0,	92	0,	0	0,	0	0,
261	92	10,00	92	0,	92	0,	92	0,	0	0,	0	0,
264	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
267	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
270	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
273	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
276	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
279	92	30,00	91	20,00	91	0,	91	0,	0	0,	0	0,
282	93	40,00	92	30,00	92	20,00	91	10,00	0	0,	0	0,
285	93	30,00	93	30,00	92	20,00	91	10,00	0	0,	0	0,
288	92	29,00	92	20,00	92	10,00	92	10,00	0	0,	0	0,
291	92	20,00	92	10,00	92	10,00	91	10,00	0	0,	0	0,
294	92	10,00	92	10,00	92	10,00	91	0,	0	0,	0	0,
297	92	10,00	92	10,00	91	0,	91	0,	0	0,	0	0,
300	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
303	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
306	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
309	91	0,	91	0,	90	0,	90	0,	0	0%	0	0,
312	90	0,	90	0,	90	0,	90	0,	0	0%	0	0,
315	90	0,	90	0,	90	0,	90	0,	0	0%	0	0,
318	90	0,	90	0,	90	0,	90	0,	0	0%	0	0,
321	90	0,	90	0,	90	0,	89	0,	0	0%	0	0,
324	90	0,	90	0,	89	0,	89	0,	0	0%	0	0,
327	90	0,	90	0,	89	0,	89	0,	0	0%	0	0,
330	89	0,	89	0,	89	0,	89	0,	0	0%	0	0,
333	89	0,	89	0,	89	0,	89	0,	0	0%	0	0,
336	89	0,	89	0,	89	0,	89	0,	0	0%	0	0,
339	89	0,	89	0,	89	0,	88	0,	0	0%	0	0,
342	89	0,	89	0,	88	0,	88	0,	0	0%	0	0,
345	89	0,	89	0,	88	0,	88	0,	0	0%	0	0,
348	89	0,	88	0,	88	0,	88	0,	0	0%	0	0,
351	88	0,	88	0,	88	0,	88	0,	0	0%	0	0,
354	90	50,00	88	0,	88	0,	88	0,	0	0%	0	0,
357	90	70,00	88	0,	88	0,	88	0,	0	0%	0	0,
360	0	100,00	89	50,00	88	0,	88	0,	0	0%	0	0,
AVERAGE SHIELDING		3,67		1,92		0,67		0,33		0%		0,
AVERAGE TARGET CONTACT ANGLE		90		90		90		89		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 40
SHIELDING OF TARGET AT POSITION E
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
5	88	10,00	88	0,	87	0,	87	0,	0	0,	0	0,
7	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
10	88	10,00	87	0,	87	0,	87	0,	0	0,	0	0,
12	88	20,00	87	0,	87	0,	87	0,	0	0,	0	0,
15	88	30,00	87	10,00	87	0,	87	0,	0	0,	0	0,
18	88	40,00	87	10,00	87	0,	87	0,	0	0,	0	0,
20	88	40,00	87	10,00	87	0,	87	0,	0	0,	0	0,
23	88	30,00	87	10,00	87	0,	87	0,	0	0,	0	0,
25	87	20,00	87	0,	87	0,	87	0,	0	0,	0	0,
28	87	10,00	87	0,	87	0,	86	0,	0	0,	0	0,
30	87	0,	87	0,	87	0,	86	0,	0	0,	0	0,
33	87	0,	87	0,	87	0,	86	0,	0	0,	0	0,
36	87	0,	87	0,	87	0,	86	0,	0	0,	0	0,
38	87	0,	87	0,	87	0,	86	0,	0	0,	0	0,
41	87	0,	87	0,	87	0,	86	0,	0	0,	0	0,
43	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
46	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
48	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
51	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
54	88	0,	87	0,	87	0,	87	0,	0	0,	0	0,
56	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
59	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
61	88	10,00	88	0,	88	0,	88	0,	0	0,	0	0,
64	89	10,00	88	0,	88	0,	88	0,	0	0,	0	0,
66	89	10,00	89	0,	88	0,	88	0,	0	0,	0	0,
69	89	10,00	89	0,	89	0,	88	0,	0	0,	0	0,
72	89	10,00	89	0,	89	0,	89	0,	0	0,	0	0,
74	89	10,00	89	10,00	89	10,00	89	0,	0	0,	0	0,
77	90	30,00	90	20,00	89	10,00	89	10,00	0	0,	0	0,
79	90	40,00	90	30,00	89	10,00	89	0,	0	0,	0	0,
82	89	20,00	89	10,00	89	0,	88	0,	0	0,	0	0,
84	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
87	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 0 CM
90	89	0,	88	0,	88	0,	88	0,	0	0,	0	0,
92	89	0,	89	0,	89	0,	88	0,	0	0,	0	0,
95	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
97	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
100	89	0,	89	0,	89	0,	89	0,	0	0,	0	0,
102	90	0,	89	0,	89	0,	89	0,	0	0,	0	0,
105	90	0,	89	0,	89	0,	89	0,	0	0,	0	0,
108	90	0,	89	0,	89	0,	89	0,	0	0,	0	0,
110	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
113	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
115	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
118	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
120	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
123	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
126	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
128	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
131	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
133	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
136	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
138	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
141	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
144	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
146	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
149	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
151	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
154	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
156	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
159	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
162	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
164	90	0,	89	0,	89	0,	89	0,	0	0,	0	0,
167	90	0,	89	0,	89	0,	89	0,	0	0,	0	0,
169	90	0,	89	0,	89	0,	89	0,	0	0,	0	0,
172	90	0,	89	0,	89	0,	89	0,	0	0,	0	0,
174	90	0,	89	0,	89	0,	89	0,	0	0,	0	0,

TABLE 10 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 19 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
177	90	0,	89	0,	89	0,	89	0,	0	0,	0	0,
180	90	0,	89	0,	89	0,	89	0,	0	0,	0	0,
182	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
185	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
187	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
190	90	0,	90	0,	89	0,	89	0,	0	0,	0	0,
192	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
195	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
198	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
200	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
203	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
205	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
208	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
210	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
213	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
216	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
218	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
221	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,
223	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
226	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
228	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
231	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
234	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
236	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
239	92	0,	91	0,	91	0,	91	0,	0	0,	0	0,
241	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
244	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
246	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
249	92	0,	92	0,	92	0,	92	0,	0	0,	0	0,
252	92	0,	92	0,	92	0,	92	0,	0	0,	0	0,
254	92	0,	92	0,	92	0,	92	0,	0	0,	0	0,
257	93	0,	93	0,	92	0,	92	0,	0	0,	0	0,
259	92	0,	92	0,	92	0,	92	0,	0	0,	0	0,
262	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,

TABLE 10 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
264	91	0,	91	0,	91	0,	91	0,	0	0*	0	0,
267	91	0,	91	0,	91	0,	90	0,	0	0*	0	0,
270	91	0,	91	0,	90	0,	90	0,	0	0*	0	0,
272	91	0,	91	0,	90	0,	90	0,	0	0*	0	0,
275	91	0,	91	0,	90	0,	90	0,	0	0*	0	0,
277	93	80,00	92	30,00	91	10.00	91	0,	0	0*	0	0,
280	94	90,00	92	40,00	92	30.00	92	20,00	0	0*	0	0,
282	0	100,00	0	100,00	93	40.00	92	30,00	0	0*	0	0,
285	0	100,00	93	50,00	93	30,00	92	30,00	0	0*	0	0,
288	0	100,00	93	40,00	92	20,00	92	10,00	0	0*	0	0,
290	92	10,00	92	10,00	91	10.00	91	0,	0	0*	0	0,
293	92	10,00	92	10,00	92	10.00	91	0,	0	0*	0	0,
295	92	10,00	91	0,	91	0,	91	0,	0	0*	0	0,
298	91	0,	91	0,	91	0,	91	0,	0	0*	0	0,
300	91	0,	91	0,	91	0,	90	0,	0	0*	0	0,
303	91	0,	91	0,	90	0,	90	0,	0	0*	0	0,
306	91	0,	90	0,	90	0,	90	0,	0	0*	0	0,
308	90	0,	90	0,	90	0,	90	0,	0	0*	0	0,
311	90	0,	90	0,	90	0,	90	0,	0	0*	0	0,
313	90	0,	90	0,	90	0,	90	0,	0	0*	0	0,
316	90	0,	90	0,	90	0,	90	0,	0	0*	0	0,
318	90	0,	90	0,	90	0,	89	0,	0	0*	0	0,
321	90	0,	90	0,	89	0,	89	0,	0	0*	0	0,
324	90	0,	90	0,	89	0,	89	0,	0	0*	0	0,
326	90	0,	89	0,	89	0,	89	0,	0	0*	0	0,
329	89	0,	89	0,	89	0,	89	0,	0	0*	0	0,
331	89	0,	89	0,	89	0,	89	0,	0	0*	0	0,
334	89	10,00	89	0,	89	0,	89	0,	0	0*	0	0,
336	89	10,00	89	0,	89	0,	89	0,	0	0*	0	0,
339	89	20,00	89	0,	89	0,	89	0,	0	0*	0	0,
342	89	20,00	89	0,	89	0,	88	0,	0	0*	0	0,
344	89	10,00	89	0,	88	0,	88	0,	0	0*	0	0,
347	89	10,00	89	0,	88	0,	88	0,	0	0*	0	0,
349	89	0,	88	0,	88	0,	88	0,	0	0*	0	0,

Sh. 10 of --

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 18 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
352	88	0,	88	0,	88	0,	88	0,	0	0%	0	0,
354	89	20,00	88	0,	88	0,	88	0,	0	0%	0	0,
357	88	0,	88	0,	88	0,	88	0,	0	0%	0	0,
360	88	0,	88	0,	88	0,	87	0,	0	0%	0	0,
AVERAGE SHIELDING		6,86		2,79		1,29		0,71		0%		0,
AVERAGE TARGET CONTACT ANGLE		90		90		89		89		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8

SHIELDING OF TARGET AT POSITION E

RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	90	80,00	89	50,00	88	10,00	88	0,	0	0,	0	0,
4	90	80,00	89	50,00	88	10,00	88	0,	0	0,	0	0,
6	89	70,00	89	40,00	88	0,	88	0,	0	0,	0	0,
9	89	60,00	88	30,00	88	0,	87	0,	0	0,	0	0,
11	89	50,00	88	20,00	87	0,	87	0,	0	0,	0	0,
13	88	40,00	88	30,00	87	0,	87	0,	0	0,	0	0,
15	88	40,00	88	30,00	87	10,00	87	0,	0	0,	0	0,
18	88	50,00	88	30,00	87	10,00	87	0,	0	0,	0	0,
20	88	50,00	88	40,00	87	10,00	87	0,	0	0,	0	0,
22	88	50,00	88	30,00	87	10,00	87	0,	0	0,	0	0,
24	88	50,00	88	30,00	87	10,00	87	0,	0	0,	0	0,
27	88	40,00	87	20,00	87	0,	87	0,	0	0,	0	0,
29	88	30,00	87	10,00	87	0,	87	0,	0	0,	0	0,
31	87	20,00	87	0,	87	0,	87	0,	0	0,	0	0,
33	87	20,00	87	0,	87	0,	87	0,	0	0,	0	0,
36	87	0,	87	0,	87	0,	86	0,	0	0,	0	0,
38	87	0,	87	0,	87	0,	86	0,	0	0,	0	0,
40	87	0,	87	0,	87	0,	86	0,	0	0,	0	0,
42	87	0,	87	0,	87	0,	86	0,	0	0,	0	0,
45	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
47	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
49	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
51	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
54	87	0,	87	0,	87	0,	87	0,	0	0,	0	0,
56	88	0,	88	0,	87	0,	87	0,	0	0,	0	0,
58	88	0,	88	0,	88	0,	87	0,	0	0,	0	0,
60	88	0,	88	0,	88	0,	88	0,	0	0,	0	0,
63	88	10,00	88	0,	88	0,	88	0,	0	0,	0	0,
65	89	10,00	88	10,00	88	0,	88	0,	0	0,	0	0,
67	89	10,00	89	0,	89	0,	88	0,	0	0,	0	0,
69	89	10,00	89	0,	89	0,	89	0,	0	0,	0	0,
72	89	10,00	89	0,	89	0,	89	0,	0	0,	0	0,
74	90	20,00	89	10,00	89	10,00	89	0,	0	0,	0	0,
76	90	20,00	90	20,00	89	10,00	89	10,00	0	0,	0	0,

TABLE 40 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 19 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
78	90	40.00	90	30.00	89	20.00	89	10.00	0	0.	0	0.
81	90	40.00	90	30.00	89	10.00	89	10.00	0	0.	0	0.
83	89	20.00	89	10.00	89	0.	88	0.	0	0.	0	0.
85	88	0.	88	0.	88	0.	88	0.	0	0.	0	0.
87	88	0.	88	0.	88	0.	88	0.	0	0.	0	0.
90	89	0.	88	0.	88	0.	88	0.	0	0.	0	0.
92	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
94	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
96	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
99	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
101	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
103	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
105	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
108	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
110	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
112	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
114	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
117	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
119	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
121	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
123	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
126	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
128	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
130	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
132	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
135	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
137	90	0.	90	0.	90.	0.	90	0.	0	0.	0	0.
139	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
141	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
144	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
146	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
148	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
150	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
153	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 18 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BORST 0 CM
155	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
157	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
159	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
162	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
164	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
166	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
168	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
171	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
173	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
175	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
177	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
180	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
182	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
184	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
186	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
189	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
191	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
193	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
195	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
198	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
200	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
202	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
204	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
207	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
209	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
211	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
213	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
216	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
218	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
220	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
222	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
225	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
227	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
229	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.

TABLE 40 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
231	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
234	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
236	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
238	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
240	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
243	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
245	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
247	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
249	92	0,	92	0,	91	0,	91	0,	0	0,	0	0,
252	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
254	92	0,	92	0,	92	0,	92	0,	0	0,	0	0,
256	92	0,	92	0,	92	0,	92	0,	0	0,	0	0,
258	92	0,	92	0,	92	0,	92	0,	0	0,	0	0,
261	92	0,	92	0,	92	0,	91	0,	0	0,	0	0,
263	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
265	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
267	91	0,	91	0,	91	0,	90	0,	0	0,	0	0,
270	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
272	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
274	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
276	92	40,00	91	20,00	91	10,00	91	0,	0	0,	0	0,
279	93	50,00	92	40,00	92	20,00	91	20,00	0	0,	0	0,
281	94	80,00	93	60,00	93	40,00	92	30,00	0	0,	0	0,
283	94	80,00	94	70,00	93	40,00	93	40,00	0	0,	0	0,
285	0	100,00	0	100,00	94	70,00	93	40,00	0	0,	0	0,
288	0	100,00	0	100,00	94	90,00	93	50,00	0	0,	0	0,
290	0	100,00	0	100,00	0	100,00	93	70,00	0	0,	0	0,
292	0	100,00	0	100,00	93	40,00	92	10,00	0	0,	0	0,
294	0	100,00	0	100,00	0	100,00	92	20,00	0	0,	0	0,
297	0	100,00	0	100,00	91	10,00	91	0,	0	0,	0	0,
299	91	0,	91	0,	91	0,	91	0,	0	0,	0	0,
301	91	20,00	91	0,	91	0,	91	0,	0	0,	0	0,
303	91	0,	91	0,	90	0,	90	0,	0	0,	0	0,
306	91	0,	90	0,	90	0,	90	0,	0	0,	0	0,

TABLE 10 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
308	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
310	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
312	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
315	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
317	90	0,	90	0,	90	0,	90	0,	0	0,	0	0,
319	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
321	90	0,	90	0,	90	0,	89	0,	0	0,	0	0,
324	90	10,00	90	0,	90	0,	89	0,	0	0,	0	0,
326	90	20,00	90	0,	89	0,	89	0,	0	0,	0	0,
328	90	20,00	90	0,	89	0,	89	0,	0	0,	0	0,
330	90	30,00	89	10,00	89	0,	89	0,	0	0,	0	0,
333	90	40,00	90	20,00	89	0,	89	0,	0	0,	0	0,
335	91	60,00	90	30,00	89	0,	89	0,	0	0,	0	0,
337	0	100,00	90	50,00	89	20,00	89	0,	0	0,	0	0,
339	0	100,00	91	80,00	90	30,00	89	0,	0	0,	0	0,
342	0	100,00	0	100,00	90	50,00	89	20,00	0	0,	0	0,
344	0	100,00	0	100,00	0	100,00	90	70,00	0	0,	0	0,
346	0	100,00	0	100,00	0	100,00	0	100,00	0	0,	0	0,
348	0	100,00	0	100,00	0	100,00	0	100,00	0	0,	0	0,
351	0	100,00	0	100,00	0	100,00	90	70,00	0	0,	0	0,
353	0	100,00	0	100,00	0	100,00	89	50,00	0	0,	0	0,
355	0	100,00	0	100,00	90	60,00	89	20,00	0	0,	0	0,
357	0	100,00	90	90,00	89	40,00	88	0,	0	0,	0	0,
360	90	90,00	89	60,00	88	20,00	88	0,	0	0,	0	0,
AVERAGE SHIELDING		19,12		14,69		8,50		4,02		0,		0,
AVERAGE TARGET CONTACT ANGLE		90		89		89		89	0		0	

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 8
SHIELDING OF TARGET AT POSITION A
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
18	95	0.	95	0.	93	0.	92	0.	0	0.	0	0.
36	94	0.	94	0.	92	0.	91	0.	0	0.	0	0.
54	93	0.	92	0.	91	0.	89	0.	0	0.	0	0.
72	91	0.	91	0.	89	0.	88	0.	0	0.	0	0.
90	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
108	91	0.	90	0.	89	0.	88	0.	0	0.	0	0.
126	93	0.	92	0.	90	0.	89	0.	0	0.	0	0.
144	94	0.	94	0.	92	0.	91	0.	0	0.	0	0.
162	96	10.00	95	0.	94	0.	92	0.	0	0.	0	0.
180	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
198	96	10.00	95	0.	94	0.	92	0.	0	0.	0	0.
216	95	10.00	94	0.	92	0.	91	0.	0	0.	0	0.
234	93	0.	92	0.	90	0.	89	0.	0	0.	0	0.
252	91	0.	90	0.	89	0.	88	0.	0	0.	0	0.
270	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
288	91	0.	90	0.	89	0.	88	0.	0	0.	0	0.
306	93	0.	92	0.	91	0.	89	0.	0	0.	0	0.
324	94	0.	94	0.	92	0.	91	0.	0	0.	0	0.
342	95	0.	95	0.	93	0.	92	0.	0	0.	0	0.
360	96	0.	95	0.	94	0.	92	0.	0	0.	0	0.
AVERAGE SHIELDING		1.50		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		92		91		90		0		0

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE NO. 3

TABLE [illegible]

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TABLE 8
SHIELDING OF TARGET AT POSITION A
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
9	93	0.	92	0.	92	0.	91	0.	0	0.	0	0.
18	93	0.	93	0.	92	0.	91	0.	0	0.	0	0.
27	94	0.	94	0.	93	0.	92	0.	0	0.	0	0.
36	95	10.00	95	0.	94	0.	93	0.	0	0.	0	0.
45	94	0.	94	0.	93	0.	92	0.	0	0.	0	0.
54	93	0.	93	0.	92	0.	91	0.	0	0.	0	0.
63	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
72	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
81	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
99	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
108	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
117	93	10.00	92	0.	91	0.	91	0.	0	0.	0	0.
126	95	20.00	94	10.00	93	0.	92	0.	0	0.	0	0.
135	94	10.00	94	0.	93	0.	92	0.	0	0.	0	0.
144	94	0.	94	0.	93	0.	92	0.	0	0.	0	0.
153	95	0.	94	0.	94	0.	93	0.	0	0.	0	0.
162	96	20.00	95	0.	95	0.	94	0.	0	0.	0	0.
171	99	40.00	96	10.00	95	0.	94	0.	0	0.	0	0.
180	101	60.00	96	10.00	95	10.00	94	0.	0	0.	0	0.
189	99	40.00	96	10.00	95	0.	94	0.	0	0.	0	0.
198	96	10.00	95	0.	94	0.	94	0.	0	0.	0	0.
207	95	0.	94	0.	94	0.	93	0.	0	0.	0	0.
216	94	10.00	94	0.	93	0.	93	0.	0	0.	0	0.
225	94	10.00	94	0.	93	0.	92	0.	0	0.	0	0.
234	94	10.00	94	10.00	93	0.	92	0.	0	0.	0	0.
243	94	20.00	92	0.	92	0.	91	0.	0	0.	0	0.
252	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
261	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
279	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
288	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
297	92	0.	92	0.	91	0.	90	0.	0	0.	0	0.
306	93	0.	93	0.	92	0.	91	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
315	94	0.	94	0.	93	0.	92	0.	0	0.	0	0.
324	95	10.00	95	0.	94	0.	93	0.	0	0.	0	0.
333	94	0.	94	0.	93	0.	92	0.	0	0.	0	0.
342	93	0.	93	0.	92	0.	91	0.	0	0.	0	0.
351	93	0.	92	0.	92	0.	91	0.	0	0.	0	0.
360	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
AVERAGE SHIELDING		7.00		1.25		0.25		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		93		92		91		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 8
SHIELDING OF TARGET AT POSITION A
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
6	96	80.00	95	70.00	93	40.00	91	20.00	0	0.	0	0.
12	96	80.00	95	60.00	92	30.00	91	10.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	96	80.00	0	0.	0	0.
24	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
30	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
36	0	100.00	0	100.00	90	0.	90	0.	0	0.	0	0.
42	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
48	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
54	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
60	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
66	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
72	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
78	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
84	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
96	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
102	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
108	92	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
114	92	10.00	92	10.00	92	0.	91	0.	0	0.	0	0.
120	93	10.00	92	0.	92	0.	91	0.	0	0.	0	0.
126	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
132	96	50.00	94	10.00	93	0.	93	0.	0	0.	0	0.
138	96	30.00	94	10.00	94	0.	93	0.	0	0.	0	0.
144	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
150	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
156	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
162	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
168	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
174	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
180	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
186	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
192	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
198	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
204	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
210	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
216	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
222	96	30.00	94	10.00	94	10.00	93	0.	0	0.	0	0.
228	96	40.00	94	10.00	93	0.	93	0.	0	0.	0	0.
234	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
240	93	10.00	92	0.	92	0.	91	0.	0	0.	0	0.
246	93	10.00	92	10.00	92	0.	91	0.	0	0.	0	0.
252	92	10.00	91	10.00	91	0.	90	0.	0	0.	0	0.
258	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
264	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
276	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
282	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
288	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
294	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
300	93	10.00	93	0.	92	0.	92	0.	0	0.	0	0.
306	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
312	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
318	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
324	0	100.00	0	100.00	90	0.	90	0.	0	0.	0	0.
330	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
336	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
342	0	100.00	0	100.00	0	100.00	96	80.00	0	0.	0	0.
348	96	80.00	95	60.00	92	30.00	91	10.00	0	0.	0	0.
354	96	80.00	95	70.00	93	40.00	91	20.00	0	0.	0	0.
360	95	70.00	94	50.00	92	30.00	90	10.00	0	0.	0	0.
AVERAGE SHIELDING		23.50		19.67		13.00		10.50		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		92		91		91		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8

SHIELDING OF TARGET AT POSITION A

RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
4	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
9	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
13	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
18	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
22	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
27	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
31	92	30.00	91	20.00	90	0.	90	0.	0	0.	0	0.
36	92	30.00	91	20.00	90	0.	90	0.	0	0.	0	0.
40	93	50.00	92	30.00	90	10.00	90	0.	0	0.	0	0.
45	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
49	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
54	0	100.00	91	40.00	90	0.	89	0.	0	0.	0	0.
58	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
63	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
67	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
72	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
76	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
81	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
85	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
94	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
99	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
103	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
108	92	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
112	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
117	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
121	95	50.00	93	20.00	93	0.	92	0.	0	0.	0	0.
126	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
130	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
135	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
139	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
144	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
148	0	100.00	0	100.00	94	90.00	90	0.	0	0.	0	0.
153	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
157	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
162	0	100.00	0	100.00	95	90.00	92	40.00	0	0.	0	0.
166	94	70.00	93	50.00	91	10.00	90	0.	0	0.	0	0.
171	91	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
175	91	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
180	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
184	92	30.00	90	10.00	90	0.	90	0.	0	0.	0	0.
189	91	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
193	94	80.00	93	60.00	91	20.00	91	0.	0	0.	0	0.
198	0	100.00	0	100.00	0	100.00	94	70.00	0	0.	0	0.
202	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
207	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
211	0	100.00	0	100.00	90	0.	90	0.	0	0.	0	0.
216	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
220	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
225	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
229	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
234	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
238	94	40.00	93	20.00	93	0.	92	0.	0	0.	0	0.
243	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
247	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
252	92	10.00	92	10.00	91	0.	91	0.	0	0.	0	0.
256	92	20.00	91	10.00	91	0.	90	0.	0	0.	0	0.
261	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
265	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
274	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
279	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
283	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
288	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
292	92	10.00	92	0.	92	0.	91	0.	0	0.	0	0.
297	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
301	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
306	0	100.00	91	30.00	90	0.	89	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
310	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
315	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
319	93	50.00	92	30.00	90	10.00	90	0.	0	0.	0	0.
324	92	30.00	91	20.00	90	0.	90	0.	0	0.	0	0.
328	92	30.00	91	20.00	90	0.	90	0.	0	0.	0	0.
333	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
337	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
342	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
346	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
351	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
355	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
360	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
AVERAGE SHIELDING		26.50		20.62		14.12		11.37		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		91		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 8
SHIELDING OF TARGET AT POSITION A
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
7	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
10	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
14	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
18	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
21	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
25	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
28	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
32	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
36	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
39	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
43	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
46	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
50	92	40.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
54	0	100.00	93	80.00	92	60.00	91	30.00	0	0.	0	0.
57	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
61	0	100.00	0	100.00	90	20.00	90	0.	0	0.	0	0.
64	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
68	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
72	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
75	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
79	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
82	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
86	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
93	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
97	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
100	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
104	91	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
108	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
111	92	10.00	92	0.	91	0.	91	0.	0	0.	0	0.
115	93	40.00	93	20.00	92	0.	92	0.	0	0.	0	0.
118	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
122	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.

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TABLE 11 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
126	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
129	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
133	0	100.00	0	100.00	91	20.00	90	0.	0	0.	0	0.
136	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
140	0	100.00	0	100.00	92	50.00	90	10.00	0	0.	0	0.
144	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
147	0	100.00	0	100.00	91	20.00	90	0.	0	0.	0	0.
151	0	100.00	0	100.00	92	40.00	90	0.	0	0.	0	0.
154	94	90.00	92	50.00	91	10.00	90	0.	0	0.	0	0.
158	93	60.00	92	30.00	91	20.00	90	0.	0	0.	0	0.
162	92	50.00	92	30.00	91	10.00	90	0.	0	0.	0	0.
165	92	50.00	91	20.00	91	10.00	90	0.	0	0.	0	0.
169	92	30.00	91	20.00	91	10.00	90	0.	0	0.	0	0.
172	92	30.00	92	30.00	91	10.00	90	0.	0	0.	0	0.
176	92	40.00	92	30.00	91	10.00	90	0.	0	0.	0	0.
180	93	70.00	92	50.00	91	20.00	90	0.	0	0.	0	0.
183	92	40.00	92	30.00	91	10.00	90	0.	0	0.	0	0.
187	92	30.00	92	30.00	91	10.00	90	0.	0	0.	0	0.
190	92	30.00	91	20.00	91	10.00	90	0.	0	0.	0	0.
194	92	50.00	91	20.00	91	10.00	90	0.	0	0.	0	0.
198	92	40.00	92	30.00	91	10.00	90	0.	0	0.	0	0.
201	93	60.00	92	30.00	91	20.00	90	0.	0	0.	0	0.
205	93	80.00	92	30.00	91	10.00	90	0.	0	0.	0	0.
208	0	100.00	93	60.00	91	20.00	90	0.	0	0.	0	0.
212	92	40.00	91	20.00	90	0.	90	0.	0	0.	0	0.
216	91	30.00	90	10.00	90	0.	90	0.	0	0.	0	0.
219	0	100.00	0	100.00	0	100.00	93	80.00	0	0.	0	0.
223	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
226	0	100.00	91	40.00	90	0.	90	0.	0	0.	0	0.
230	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
234	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
237	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
241	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
244	94	50.00	93	20.00	92	10.00	92	0.	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
248	92	10.00	92	0.	91	0.	91	0.	0	0.	0	0.
252	91	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
255	91	10.00	91	10.00	91	0.	90	0.	0	0.	0	0.
259	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
262	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
266	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
273	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
277	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
280	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
284	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
288	92	30.00	92	10.00	91	0.	91	0.	0	0.	0	0.
291	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
295	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
298	0	100.00	93	90.00	90	0.	90	0.	0	0.	0	0.
302	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	94	90.00	93	70.00	92	50.00	91	20.00	0	0.	0	0.
309	92	40.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
313	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
316	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
320	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
324	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
327	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
331	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
334	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
338	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
342	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
345	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
349	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
352	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
356	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
360	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
AVERAGE SHIELDING		27.30		20.20		9.90		5.40		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		91		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8

SHIELDING OF TARGET AT POSITION A
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
6	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
9	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
12	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
15	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
18	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
21	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
24	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
27	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
30	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
33	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
36	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
39	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
42	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
45	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
48	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
51	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
54	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
57	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
60	92	70.00	92	60.00	91	30.00	90	10.00	0	0.	0	0.
63	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
66	0	100.00	0	100.00	0	100.00	90	20.00	0	0.	0	0.
69	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
72	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
75	0	100.00	93	80.00	91	0.	91	0.	0	0.	0	0.
78	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
81	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
84	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
87	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
93	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
96	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
99	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
102	91	10.00	91	10.00	91	0.	90	0.	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
105	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
108	92	30.00	91	0.	91	0.	91	0.	0	0.	0	0.
111	93	50.00	92	20.00	92	0.	91	0.	0	0.	0	0.
114	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
117	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
120	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
123	91	40.00	90	0.	90	0.	89	0.	0	0.	0	0.
126	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
129	0	100.00	0	100.00	0	100.00	92	60.00	0	0.	0	0.
132	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
135	0	100.00	0	100.00	90	10.00	90	0.	0	0.	0	0.
138	0	100.00	0	100.00	91	40.00	90	0.	0	0.	0	0.
141	93	80.00	92	50.00	90	10.00	90	0.	0	0.	0	0.
144	92	60.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
147	92	50.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
150	91	20.00	91	20.00	90	0.	90	0.	0	0.	0	0.
153	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
156	91	30.00	91	20.00	90	0.	90	0.	0	0.	0	0.
159	91	20.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
162	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
165	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
168	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
171	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
174	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
177	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
180	91	30.00	91	20.00	90	0.	90	0.	0	0.	0	0.
183	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
186	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
189	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
192	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
195	91	10.00	91	10.00	90	0.	90	0.	0	0.	0	0.
198	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
201	91	20.00	91	20.00	90	0.	90	0.	0	0.	0	0.
204	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
207	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
210	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
213	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
216	92	40.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
219	92	70.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
222	0	100.00	92	50.00	90	10.00	90	0.	0	0.	0	0.
225	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
228	91	40.00	91	20.00	90	0.	90	0.	0	0.	0	0.
231	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
234	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
237	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
240	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
243	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
246	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
249	94	80.00	93	50.00	92	10.00	91	0.	0	0.	0	0.
252	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
255	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
258	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
261	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
264	90	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
267	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
273	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
276	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
279	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
282	91	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
285	93	50.00	92	20.00	91	0.	91	0.	0	0.	0	0.
288	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
291	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
294	0	100.00	0	100.00	91	40.00	90	0.	0	0.	0	0.
297	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
300	92	70.00	92	60.00	91	30.00	90	10.00	0	0.	0	0.
303	91	40.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
306	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
309	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
312	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
315	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
318	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
321	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
324	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
327	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
330	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
333	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
336	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
339	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
342	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
345	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
348	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
351	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
354	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
357	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
360	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
AVERAGE SHIELDING		22.17		16.33		8.25		5.00		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		90		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

VI

TABLE 8

SHIELDING OF TARGET AT POSITION A
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
5	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
7	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
10	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
12	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
15	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
18	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
20	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
23	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
25	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
28	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
30	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
33	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
36	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
38	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
41	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
43	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
46	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
48	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
51	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
54	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
56	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
59	90	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
61	91	30.00	90	20.00	90	10.00	90	0.	0	0.	0	0.
64	72	60.00	91	50.00	90	20.00	90	0.	0	0.	0	0.
66	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
69	0	100.00	0	100.00	0	100.00	90	30.00	0	0.	0	0.
72	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
74	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
77	91	40.00	91	10.00	90	0.	90	0.	0	0.	0	0.
79	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
82	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
84	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
87	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
90	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
92	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
95	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
97	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
100	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
102	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
105	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
108	91	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
110	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
113	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
115	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
118	0	100.00	0	100.00	90	0.	90	0.	0	0.	0	0.
120	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
123	0	100.00	92	80.00	91	40.00	90	0.	0	0.	0	0.
126	92	70.00	90	10.00	90	0.	90	0.	0	0.	0	0.
128	0	100.00	0	100.00	92	70.00	90	0.	0	0.	0	0.
131	93	90.00	92	60.00	91	20.00	90	0.	0	0.	0	0.
133	93	90.00	92	60.00	91	20.00	90	0.	0	0.	0	0.
136	92	50.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
138	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
141	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
144	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
146	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
149	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
151	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
154	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
156	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
159	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
162	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
164	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
167	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
169	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
172	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
174	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.

TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
177	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
180	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
182	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
185	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
187	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
190	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
192	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
195	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
198	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
200	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
203	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
205	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
208	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
210	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
213	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
216	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
218	91	20.00	91	20.00	90	0.	90	0.	0	0.	0	0.
221	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
223	91	40.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
226	92	60.00	91	30.00	91	20.00	90	0.	0	0.	0	0.
228	0	100.00	92	80.00	91	30.00	90	10.00	0	0.	0	0.
231	0	100.00	91	40.00	90	10.00	90	0.	0	0.	0	0.
234	91	30.00	90	10.00	90	0.	90	0.	0	0.	0	0.
236	0	100.00	0	100.00	0	100.00	92	80.00	0	0.	0	0.
239	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
241	91	50.00	90	0.	90	0.	89	0.	0	0.	0	0.
244	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
246	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
249	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
252	93	70.00	93	50.00	91	10.00	91	0.	0	0.	0	0.
254	91	20.00	91	0.	91	0.	90	0.	0	0.	0	0.
257	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
259	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
262	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.

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TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
264	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
267	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
272	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
275	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
277	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
280	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
282	92	30.00	91	20.00	91	0.	91	0.	0	0.	0	0.
285	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
288	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
290	0	100.00	0	100.00	0	100.00	91	60.00	0	0.	0	0.
293	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
295	91	40.00	91	30.00	90	0.	90	0.	0	0.	0	0.
298	91	30.00	90	20.00	90	10.00	90	0.	0	0.	0	0.
300	91	30.00	90	20.00	90	0.	90	0.	0	0.	0	0.
303	91	20.00	90	20.00	90	10.00	90	0.	0	0.	0	0.
306	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
308	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
311	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
313	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
316	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
318	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
321	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
324	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
326	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
329	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
331	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
334	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
336	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
339	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
342	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
344	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
347	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
349	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
352	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
354	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
357	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
360	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
AVERAGE SHIELDING		18.86		13.43		7.21		4.14		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8
SHIELDING OF TARGET AT POSITION A
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
4	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
6	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
9	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
11	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
13	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
15	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
18	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
20	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
22	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
24	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
27	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
29	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
31	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
33	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
36	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
38	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
40	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
42	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
45	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
47	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
49	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
51	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
54	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
56	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
58	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
60	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
63	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
65	90	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
67	92	90.00	92	80.00	91	60.00	90	30.00	0	0.	0	0.
69	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
72	0	100.00	0	100.00	0	100.00	91	50.00	0	0.	0	0.
74	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
76	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.

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TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
78	91	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
81	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
83	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
85	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
87	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
90	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
92	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
94	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
96	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
99	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
101	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
103	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
105	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
108	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
110	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
112	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
114	0	100.00	0	100.00	90	0.	90	0.	0	0.	0	0.
117	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
119	91	40.00	90	20.00	90	0.	90	0.	0	0.	0	0.
121	91	60.00	90	20.00	90	0.	90	0.	0	0.	0	0.
123	0	100.00	0	100.00	92	90.00	90	10.00	0	0.	0	0.
126	92	80.00	91	50.00	90	20.00	90	0.	0	0.	0	0.
128	92	80.00	91	40.00	90	10.00	90	0.	0	0.	0	0.
130	91	50.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
132	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
135	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
137	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
139	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
141	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
144	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
146	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
148	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
150	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
153	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.

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TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
155	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
157	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
159	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
162	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
164	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
166	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
168	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
171	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
173	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
175	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
177	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
180	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
182	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
184	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
186	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
189	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
191	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
193	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
195	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
198	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
200	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
202	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
204	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
207	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
209	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
211	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
213	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
216	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
218	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
220	91	20.00	90	10.00	90	10.00	90	0.	0	0.	0	0.
222	91	20.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
225	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
227	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
229	91	40.00	91	30.00	90	20.00	90	0.	0	0.	0	0.

TABLE 41 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
231	92	60.00	91	30.00	90	20.00	90	0.	0	0.	0	0.
234	0	100.00	92	60.00	91	30.00	90	10.00	0	0.	0	0.
236	0	100.00	92	80.00	91	30.00	90	0.	0	0.	0	0.
238	90	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
240	0	100.00	92	80.00	91	40.00	90	10.00	0	0.	0	0.
243	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
245	91	40.00	90	0.	90	0.	89	0.	0	0.	0	0.
247	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
249	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
252	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
254	93	70.00	92	50.00	91	10.00	91	0.	0	0.	0	0.
256	91	20.00	91	0.	91	0.	90	0.	0	0.	0	0.
258	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
261	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
263	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
265	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
267	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
270	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
272	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
274	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
276	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
279	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
281	91	20.00	91	10.00	91	0.	91	0.	0	0.	0	0.
283	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
285	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
288	0	100.00	0	100.00	0	100.00	91	60.00	0	0.	0	0.
290	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
292	91	40.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
294	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
297	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
299	90	20.00	90	20.00	90	0.	90	0.	0	0.	0	0.
301	90	20.00	90	10.00	90	10.00	90	0.	0	0.	0	0.
303	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
306	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.

TABLE 41 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
308	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
310	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
312	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
315	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
317	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
319	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
321	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
324	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
326	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
328	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
330	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
333	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
335	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
337	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
339	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
342	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
344	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
346	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
348	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
351	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
353	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
355	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
357	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
360	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
AVERAGE SHIELDING		15.00		10.75		6.31		3.56		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

Sh. 25 of 25

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TABLE 6
SHIELDING OF TARGET AT POSITION B
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
18	95	0.	94	0.	93	0.	91	0.	0	0.	0	0.
36	94	0.	93	0.	92	0.	90	0.	0	0.	0	0.
54	93	0.	92	0.	90	0.	89	0.	0	0.	0	0.
72	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
90	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
108	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
126	92	0.	91	0.	90	0.	89	0.	0	0.	0	0.
144	94	10.00	93	0.	92	0.	90	0.	0	0.	0	0.
162	96	10.00	95	0.	93	0.	92	0.	0	0.	0	0.
180	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
198	96	10.00	95	0.	93	0.	92	0.	0	0.	0	0.
216	94	10.00	93	0.	92	0.	90	0.	0	0.	0	0.
234	92	0.	91	0.	90	0.	89	0.	0	0.	0	0.
252	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
270	90	0.	89	0.	88	0.	87	0.	0	0.	0	0.
288	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
306	93	0.	92	0.	90	0.	89	0.	0	0.	0	0.
324	94	0.	93	0.	92	0.	90	0.	0	0.	0	0.
342	95	0.	94	0.	93	0.	91	0.	0	0.	0	0.
360	95	0.	95	0.	93	0.	92	0.	0	0.	0	0.
AVERAGE SHIELDING		2.00		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		92		91		89		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE NO. 3

TABLE 42 (Sheet 2 of 2)

TABLE #2
SHIELDING OF TARGET AT POSITION B
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
9	93	0.	92	0.	91	0.	91	0.	0	0.	0	0.
18	93	0.	93	0.	92	0.	91	0.	0	0.	0	0.
27	94	0.	94	0.	93	0.	92	0.	0	0.	0	0.
36	95	10.00	95	10.00	94	0.	93	0.	0	0.	0	0.
45	94	10.00	93	0.	93	0.	92	0.	0	0.	0	0.
54	93	10.00	93	0.	92	0.	91	0.	0	0.	0	0.
63	92	0.	92	0.	91	0.	90	0.	0	0.	0	0.
72	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
81	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
99	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
108	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
117	92	10.00	92	0.	91	0.	91	0.	0	0.	0	0.
126	95	20.00	93	10.00	93	0.	92	0.	0	0.	0	0.
135	94	10.00	94	10.00	93	0.	92	0.	0	0.	0	0.
144	94	0.	94	0.	93	0.	92	0.	0	0.	0	0.
153	95	0.	94	0.	93	0.	93	0.	0	0.	0	0.
162	96	20.00	95	0.	94	0.	94	0.	0	0.	0	0.
171	98	40.00	95	10.00	95	0.	94	0.	0	0.	0	0.
180	100	60.00	97	20.00	95	0.	94	0.	0	0.	0	0.
189	98	40.00	95	10.00	95	0.	94	0.	0	0.	0	0.
198	96	20.00	95	0.	94	0.	94	0.	0	0.	0	0.
207	95	0.	94	0.	93	0.	93	0.	0	0.	0	0.
216	94	0.	94	0.	93	0.	92	0.	0	0.	0	0.
225	94	10.00	94	0.	93	0.	92	0.	0	0.	0	0.
234	95	20.00	93	10.00	93	0.	92	0.	0	0.	0	0.
243	92	10.00	92	10.00	91	0.	91	0.	0	0.	0	0.
252	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
261	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
279	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
288	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
297	92	0.	92	0.	91	0.	90	0.	0	0.	0	0.
306	93	10.00	93	0.	92	0.	91	0.	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
315	94	10.00	93	0.	93	0.	92	0.	0	0.	0	0.
324	95	10.00	95	10.00	94	0.	93	0.	0	0.	0	0.
333	94	0.	94	0.	93	0.	92	0.	0	0.	0	0.
342	93	0.	93	0.	92	0.	91	0.	0	0.	0	0.
351	93	0.	92	0.	91	0.	91	0.	0	0.	0	0.
360	92	0.	92	0.	91	0.	90	0.	0	0.	0	0.
AVERAGE SHIELDING		8.00		2.50		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		93		92		91		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 5
SHIELDING OF TARGET AT POSITION B
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
6	96	80.00	95	70.00	93	50.00	91	20.00	0	0.	0	0.
12	96	80.00	95	60.00	92	30.00	91	10.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	96	80.00	0	0.	0	0.
24	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
30	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
36	0	100.00	0	100.00	90	0.	90	0.	0	0.	0	0.
42	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
48	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
54	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
60	93	10.00	92	0.	92	0.	92	0.	0	0.	0	0.
66	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
72	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
78	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
84	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	89	0.	89	0.	88	0.	0	0.	0	0.
96	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
102	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
108	91	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
114	92	10.00	92	10.00	92	0.	91	0.	0	0.	0	0.
120	92	10.00	92	0.	92	0.	91	0.	0	0.	0	0.
126	93	10.00	93	0.	92	0.	92	0.	0	0.	0	0.
132	96	50.00	94	20.00	93	0.	93	0.	0	0.	0	0.
138	96	30.00	94	10.00	94	10.00	93	0.	0	0.	0	0.
144	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
150	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
156	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
162	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
168	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
174	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
180	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
186	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
192	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
198	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
204	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.

TABLE 12 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
210	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
216	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
222	96	40.00	95	20.00	94	10.00	93	0.	0	0.	0	0.
228	96	40.00	94	10.00	93	0.	93	0.	0	0.	0	0.
234	93	10.00	93	0.	92	0.	92	0.	0	0.	0	0.
240	93	10.00	92	10.00	92	0.	91	0.	0	0.	0	0.
246	93	20.00	92	10.00	92	0.	91	0.	0	0.	0	0.
252	92	20.00	91	10.00	91	0.	90	0.	0	0.	0	0.
258	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
264	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
276	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
282	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
288	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
294	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
300	93	10.00	93	10.00	92	0.	92	0.	0	0.	0	0.
306	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
312	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
318	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
324	0	100.00	0	100.00	90	0.	90	0.	0	0.	0	0.
330	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
336	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
342	0	100.00	0	100.00	0	100.00	96	80.00	0	0.	0	0.
348	96	80.00	95	60.00	92	30.00	91	10.00	0	0.	0	0.
354	96	80.00	95	70.00	93	50.00	91	20.00	0	0.	0	0.
360	95	70.00	94	60.00	92	30.00	90	10.00	0	0.	0	0.
AVERAGE SHIELDING		24.50		20.50		13.50		10.50		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		92		91		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

#42

TABLE 8
SHIELDING OF TARGET AT POSITION B
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
4	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
9	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
13	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
18	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
22	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
27	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
31	92	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
36	92	30.00	91	20.00	90	0.	90	0.	0	0.	0	0.
40	93	50.00	92	40.00	90	10.00	90	0.	0	0.	0	0.
45	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
49	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
54	0	100.00	92	60.00	90	0.	89	0.	0	0.	0	0.
58	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
63	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
67	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
72	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
76	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
81	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
85	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
94	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
99	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
103	91	20.00	91	0.	90	0.	90	0.	0	0.	0	0.
108	92	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
112	92	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
117	92	10.00	92	0.	92	0.	91	0.	0	0.	0	0.
121	95	50.00	93	20.00	92	10.00	92	0.	0	0.	0	0.
126	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
130	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
135	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
139	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
144	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
148	0	100.00	0	100.00	94	90.00	90	0.	0	0.	0	0.
153	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE #2 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
157	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
162	0	100.00	0	100.00	94	90.00	92	40.00	0	0.	0	0.
166	94	70.00	93	50.00	90	10.00	90	0.	0	0.	0	0.
171	91	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
175	91	30.00	90	10.00	90	0.	90	0.	0	0.	0	0.
180	90	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
184	91	30.00	90	10.00	90	0.	90	0.	0	0.	0	0.
189	91	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
193	94	70.00	93	50.00	90	10.00	90	0.	0	0.	0	0.
198	0	100.00	0	100.00	94	90.00	92	40.00	0	0.	0	0.
202	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
207	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
211	0	100.00	0	100.00	92	40.00	90	0.	0	0.	0	0.
216	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
220	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
225	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
229	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
234	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
238	95	50.00	93	20.00	92	10.00	92	0.	0	0.	0	0.
243	92	10.00	92	10.00	92	0.	91	0.	0	0.	0	0.
247	92	10.00	92	10.00	91	0.	91	0.	0	0.	0	0.
252	92	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
256	92	20.00	91	10.00	91	0.	90	0.	0	0.	0	0.
261	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
265	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
274	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
279	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
283	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
288	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
292	92	10.00	92	0.	91	0.	91	0.	0	0.	0	0.
297	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
301	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
306	0	100.00	91	30.00	90	0.	89	0.	0	0.	0	0.

TABLE 8 (CON.) 42

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
310	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
315	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
319	93	50.00	92	30.00	90	10.00	90	0.	0	0.	0	0.
324	92	30.00	91	20.00	90	0.	90	0.	0	0.	0	0.
328	92	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
333	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
337	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
342	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
346	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
351	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
355	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
360	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
AVERAGE SHIELDING		27.75		21.25		14.67		11.00		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		91		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8

SHIELDING OF TARGET AT POSITION B
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
7	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
10	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
14	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
18	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
21	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
25	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
28	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
32	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
36	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
39	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
43	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
46	91	20.00	91	20.00	90	0.	90	0.	0	0.	0	0.
50	92	40.00	91	30.00	90	20.00	90	0.	0	0.	0	0.
54	0	100.00	94	90.00	92	60.00	91	30.00	0	0.	0	0.
57	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
61	0	100.00	0	100.00	90	30.00	89	0.	0	0.	0	0.
64	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
68	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
72	0	100.00	92	40.00	91	0.	91	0.	0	0.	0	0.
75	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
79	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
82	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
86	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
93	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
97	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
100	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
104	92	20.00	91	10.00	91	0.	90	0.	0	0.	0	0.
108	91	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
111	92	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
115	93	40.00	92	20.00	92	10.00	92	0.	0	0.	0	0.
118	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
122	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.

TABLE #2 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
126	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
129	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
133	0	100.00	0	100.00	92	50.00	90	0.	0	0.	0	0.
136	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
140	0	100.00	94	90.00	92	50.00	90	10.00	0	0.	0	0.
144	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
147	0	100.00	0	100.00	91	20.00	90	0.	0	0.	0	0.
151	0	100.00	0	100.00	92	50.00	90	0.	0	0.	0	0.
154	94	90.00	92	50.00	91	10.00	90	0.	0	0.	0	0.
158	93	60.00	91	30.00	91	20.00	90	0.	0	0.	0	0.
162	92	50.00	91	30.00	91	10.00	90	0.	0	0.	0	0.
165	93	60.00	91	30.00	91	10.00	90	0.	0	0.	0	0.
169	92	40.00	91	30.00	91	10.00	90	0.	0	0.	0	0.
172	92	40.00	91	30.00	91	10.00	90	0.	0	0.	0	0.
176	92	50.00	91	30.00	91	10.00	90	0.	0	0.	0	0.
180	93	60.00	92	40.00	91	10.00	90	0.	0	0.	0	0.
183	92	50.00	91	30.00	91	10.00	90	0.	0	0.	0	0.
187	92	40.00	91	30.00	91	10.00	90	0.	0	0.	0	0.
190	92	40.00	91	30.00	91	10.00	90	0.	0	0.	0	0.
194	93	60.00	91	30.00	91	10.00	90	0.	0	0.	0	0.
198	92	50.00	92	30.00	91	10.00	90	0.	0	0.	0	0.
201	93	60.00	91	30.00	91	20.00	90	0.	0	0.	0	0.
205	93	60.00	91	30.00	91	10.00	90	0.	0	0.	0	0.
208	0	100.00	93	80.00	91	20.00	90	0.	0	0.	0	0.
212	92	60.00	91	20.00	90	0.	90	0.	0	0.	0	0.
216	91	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
219	0	100.00	0	100.00	0	100.00	93	70.00	0	0.	0	0.
223	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
226	0	100.00	92	50.00	90	0.	90	0.	0	0.	0	0.
230	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
234	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
237	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
241	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
244	94	50.00	93	20.00	92	10.00	92	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
248	92	10.00	92	10.00	91	0.	91	0.	0	0.	0	0.
252	91	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
255	92	20.00	91	10.00	91	0.	90	0.	0	0.	0	0.
259	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
262	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
266	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
273	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
277	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
280	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
284	91	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
288	92	20.00	91	0.	91	0.	91	0.	0	0.	0	0.
291	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
295	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
298	0	100.00	93	90.00	90	0.	89	0.	0	0.	0	0.
302	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	94	90.00	93	80.00	92	50.00	91	20.00	0	0.	0	0.
309	92	40.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
313	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
316	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
320	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
324	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
327	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
331	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
334	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
338	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
342	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
345	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
349	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
352	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
356	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
360	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
AVERAGE SHIELDING		29.70		21.70		10.50		5.30		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		91		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 8
SHIELDING OF TARGET AT POSITION B
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
6	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
9	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
12	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
15	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
18	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
21	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
24	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
27	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
30	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
33	90	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
36	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
39	90	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
42	90	10.00	90	10.00	90	0.	89	0.	0	0.	0	0.
45	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
48	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
51	90	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
54	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
57	91	40.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
60	93	80.00	92	70.00	91	50.00	90	20.00	0	0.	0	0.
63	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
66	0	100.00	0	100.00	92	80.00	90	10.00	0	0.	0	0.
69	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
72	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
75	92	60.00	91	10.00	90	0.	90	0.	0	0.	0	0.
78	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
81	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
84	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
87	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
90	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
93	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
96	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
99	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
102	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.

TABLE 8 #2 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
105	91	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
108	91	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
111	92	20.00	92	10.00	91	0.	91	0.	0	0.	0	0.
114	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
117	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
120	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
123	92	70.00	90	0.	90	0.	89	0.	0	0.	0	0.
126	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
129	0	100.00	0	100.00	93	90.00	91	50.00	0	0.	0	0.
132	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
135	0	100.00	93	90.00	90	10.00	90	0.	0	0.	0	0.
138	0	100.00	0	100.00	92	70.00	90	0.	0	0.	0	0.
141	93	90.00	92	60.00	90	10.00	90	0.	0	0.	0	0.
144	92	70.00	91	40.00	90	10,00	90	0.	0	0.	0	0.
147	92	60.00	91	40.00	90	10.00	90	0.	0	0.	0	0.
150	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
153	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
156	91	30.00	91	20.00	90	0.	90	0.	0	0.	0	0.
159	91	20.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
162	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
165	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
168	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
171	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
174	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
177	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
180	91	20.00	91	10.00	90	10.00	90	0.	0	0.	0	0.
183	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
186	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
189	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
192	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
195	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
198	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
201	91	20.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
204	91	30.00	91	10.00	90	0.	90	0.	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
207	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
210	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
213	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
216	92	40.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
219	92	60.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
222	0	100.00	91	40.00	91	20.00	90	0.	0	0.	0	0.
225	91	30.00	90	10.00	90	0.	90	0.	0	0.	0	0.
228	91	40.00	90	20.00	90	0.	90	0.	0	0.	0	0.
231	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
234	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
237	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
240	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
243	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
246	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
249	93	60.00	93	40.00	92	10.00	91	0.	0	0.	0	0.
252	91	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
255	91	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
258	91	10.00	91	10.00	90	0.	90	0.	0	0.	0	0.
261	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
264	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
267	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
273	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
276	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
279	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
282	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
285	93	50.00	91	10.00	91	0.	91	0.	0	0.	0	0.
288	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
291	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
294	0	100.00	0	100.00	92	90.00	90	10.00	0	0.	0	0.
297	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
300	92	70.00	91	50.00	91	30.00	90	10.00	0	0.	0	0.
303	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
306	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.

TABLE 42 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
309	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
312	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
315	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
318	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
321	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
324	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
327	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
330	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
333	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
336	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
339	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
342	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
345	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
348	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
351	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
354	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
357	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
360	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
AVERAGE SHIELDING		22.92		15.58		9.17		5.00		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		90		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 8

SHIELDING OF TARGET AT POSITION B

RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
5	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
7	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
10	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
12	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
15	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
18	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
20	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
23	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
25	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
28	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
30	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
33	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
36	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
38	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
41	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
43	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
46	90	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
48	90	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
51	90	10.00	90	10.00	90	0.	89	0.	0	0.	0	0.
54	90	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
56	90	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
59	90	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
61	91	30.00	90	20.00	90	10.00	90	0.	0	0.	0	0.
64	92	80.00	92	70.00	91	40.00	90	20.00	0	0.	0	0.
66	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
69	0	100.00	0	100.00	0	100.00	91	50.00	0	0.	0	0.
72	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
74	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
77	91	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
79	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
82	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
84	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
87	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.

TABLE 12 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
90	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
92	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
95	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
97	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
100	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
102	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
105	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
108	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
110	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
113	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
115	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
118	0	100.00	0	100.00	90	0.	90	0.	0	0.	0	0.
120	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
123	92	90.00	92	70.00	91	30.00	90	0.	0	0.	0	0.
126	91	30.00	90	10.00	90	0.	90	0.	0	0.	0	0.
128	0	100.00	0	100.00	92	90.00	90	10.00	0	0.	0	0.
131	0	100.00	92	70.00	90	20.00	90	0.	0	0.	0	0.
133	0	100.00	92	80.00	91	40.00	90	0.	0	0.	0	0.
136	92	60.00	91	40.00	90	20.00	90	0.	0	0.	0	0.
138	91	40.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
141	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
144	91	30.00	90	10.00	90	0.	90	0.	0	0.	0	0.
146	91	20.00	90	10.00	90	10.00	90	0.	0	0.	0	0.
149	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
151	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
154	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
156	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
159	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
162	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
164	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
167	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
169	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
172	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
174	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.

TABLE 42 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
177	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
180	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
182	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
185	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
187	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
190	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
192	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
195	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
198	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
200	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
203	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
205	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
208	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
210	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
213	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
216	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
218	91	20.00	91	20.00	90	0.	90	0.	0	0.	0	0.
221	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
223	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
226	91	40.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
228	0	100.00	91	50.00	90	20.00	90	0.	0	0.	0	0.
231	0	100.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
234	91	30.00	90	10.00	90	0.	90	0.	0	0.	0	0.
236	0	100.00	0	100.00	0	100.00	92	80.00	0	0.	0	0.
239	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
241	91	60.00	90	0.	90	0.	89	0.	0	0.	0	0.
244	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
246	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
249	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
252	93	60.00	92	40.00	91	10.00	91	0.	0	0.	0	0.
254	91	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
257	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
259	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
262	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
264	90	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
267	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
272	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
275	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
277	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
280	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
282	92	50.00	91	20.00	91	10.00	91	0.	0	0.	0	0.
285	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
288	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
290	0	100.00	0	100.00	92	70.00	90	0.	0	0.	0	0.
293	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
295	92	60.00	91	40.00	90	20.00	90	0.	0	0.	0	0.
298	91	30.00	90	20.00	90	10.00	90	0.	0	0.	0	0.
300	90	20.00	90	20.00	90	0.	90	0.	0	0.	0	0.
303	90	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
306	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
308	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
311	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
313	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
316	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
318	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
321	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
324	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
326	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
329	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
331	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
334	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
336	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
339	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
342	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
344	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
347	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
349	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
352	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
354	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
357	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
360	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
AVERAGE SHIELDING		19.21		14.14		7.57		4.00		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

#2

TABLE 8
SHIELDING OF TARGET AT POSITION B
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
4	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
6	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
9	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
11	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
13	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
15	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
18	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
20	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
22	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
24	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
27	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
29	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
31	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
33	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
36	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
38	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
40	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
42	90	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
45	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
47	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
49	90	10.00	90	10.00	90	0.	89	0.	0	0.	0	0.
51	90	10.00	90	10.00	90	0.	89	0.	0	0.	0	0.
54	90	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
56	90	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
58	90	20.00	90	10.00	90	0.	89	0.	0	0.	0	0.
60	90	20.00	90	10.00	90	0.	89	0.	0	0.	0	0.
63	90	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
65	90	30.00	90	20.00	90	0.	90	0.	0	0.	0	0.
67	92	80.00	91	60.00	91	40.00	90	20.00	0	0.	0	0.
69	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
72	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
74	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
76	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
78	91	30.00	90	10.00	90	0.	90	0.	0	0.	0	0.
81	90	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
83	90	20.00	90	0.	90	0.	89	0.	0	0.	0	0.
85	90	10.00	90	0.	89	0.	89	0.	0	0.	0	0.
87	89	10.00	89	0.	89	0.	89	0.	0	0.	0	0.
90	90	30.00	89	0.	89	0.	89	0.	0	0.	0	0.
92	90	20.00	89	0.	89	0.	89	0.	0	0.	0	0.
94	90	10.00	90	0.	89	0.	89	0.	0	0.	0	0.
96	91	40.00	90	10.00	90	0.	90	0.	0	0.	0	0.
99	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
101	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
103	92	50.00	91	10.00	90	0.	90	0.	0	0.	0	0.
105	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
108	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
110	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
112	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
114	0	100.00	0	100.00	90	10.00	90	0.	0	0.	0	0.
117	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
119	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
121	0	100.00	90	10.00	90	0.	90	0.	0	0.	0	0.
123	0	100.00	91	60.00	90	10.00	90	0.	0	0.	0	0.
126	91	40.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
128	92	70.00	91	50.00	90	10.00	90	0.	0	0.	0	0.
130	91	50.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
132	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
135	91	20.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
137	91	20.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
139	91	20.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
141	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
144	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
146	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
148	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
150	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
153	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.

TABLE 12 (CON,)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
155	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
157	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
159	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
162	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
164	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
166	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
168	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
171	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
173	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
175	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
177	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
180	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
182	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
184	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
186	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
189	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
191	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
193	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
195	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
198	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
200	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
202	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
204	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
207	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
209	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
211	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
213	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
216	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
218	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
220	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
222	91	20.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
225	91	20.00	91	20.00	90	0.	90	0.	0	0.	0	0.
227	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
229	91	40.00	91	30.00	90	10.00	90	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
231	91	50.00	91	30.00	90	20.00	90	0.	0	0.	0	0.
234	0	100.00	91	60.00	91	30.00	90	10.00	0	0.	0	0.
236	0	100.00	92	80.00	91	30.00	90	10.00	0	0.	0	0.
238	90	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
240	0	100.00	92	90.00	91	50.00	90	10.00	0	0.	0	0.
243	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
245	91	50.00	90	0.	90	0.	89	0.	0	0.	0	0.
247	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
249	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
252	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
254	92	60.00	92	40.00	91	10.00	91	0.	0	0.	0	0.
256	91	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
258	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
261	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
263	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
265	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
267	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
272	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
274	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
276	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
279	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
281	91	30.00	91	20.00	91	10.00	91	0.	0	0.	0	0.
283	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
285	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
288	0	100.00	0	100.00	0	100.00	90	40.00	0	0.	0	0.
290	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
292	91	50.00	91	40.00	90	20.00	90	0.	0	0.	0	0.
294	91	30.00	90	20.00	90	0.	90	0.	0	0.	0	0.
297	90	20.00	90	20.00	90	0.	90	0.	0	0.	0	0.
299	91	30.00	90	20.00	90	10.00	90	0.	0	0.	0	0.
301	90	20.00	90	20.00	90	10.00	90	0.	0	0.	0	0.
303	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
306	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
308	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
310	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
312	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
315	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
317	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
319	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
321	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
324	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
326	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
328	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
330	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
333	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
335	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
337	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
339	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
342	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
344	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
346	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
348	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
351	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
353	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
355	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
357	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
360	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
AVERAGE SHIELDING		17.75		11.50		5.94		3.69		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

AD-A040 173 ARMY ENGINEER WATERWAYS EXPERIMENT STATION VICKSBURG MISS F/G 18/6
ANALYTICAL STUDY OF GROUND-SURFACE SHIELDING CHARACTERISTICS OF--ETC(U)
JUN 74 H W WEST, P L DOIRON, J A PARKS

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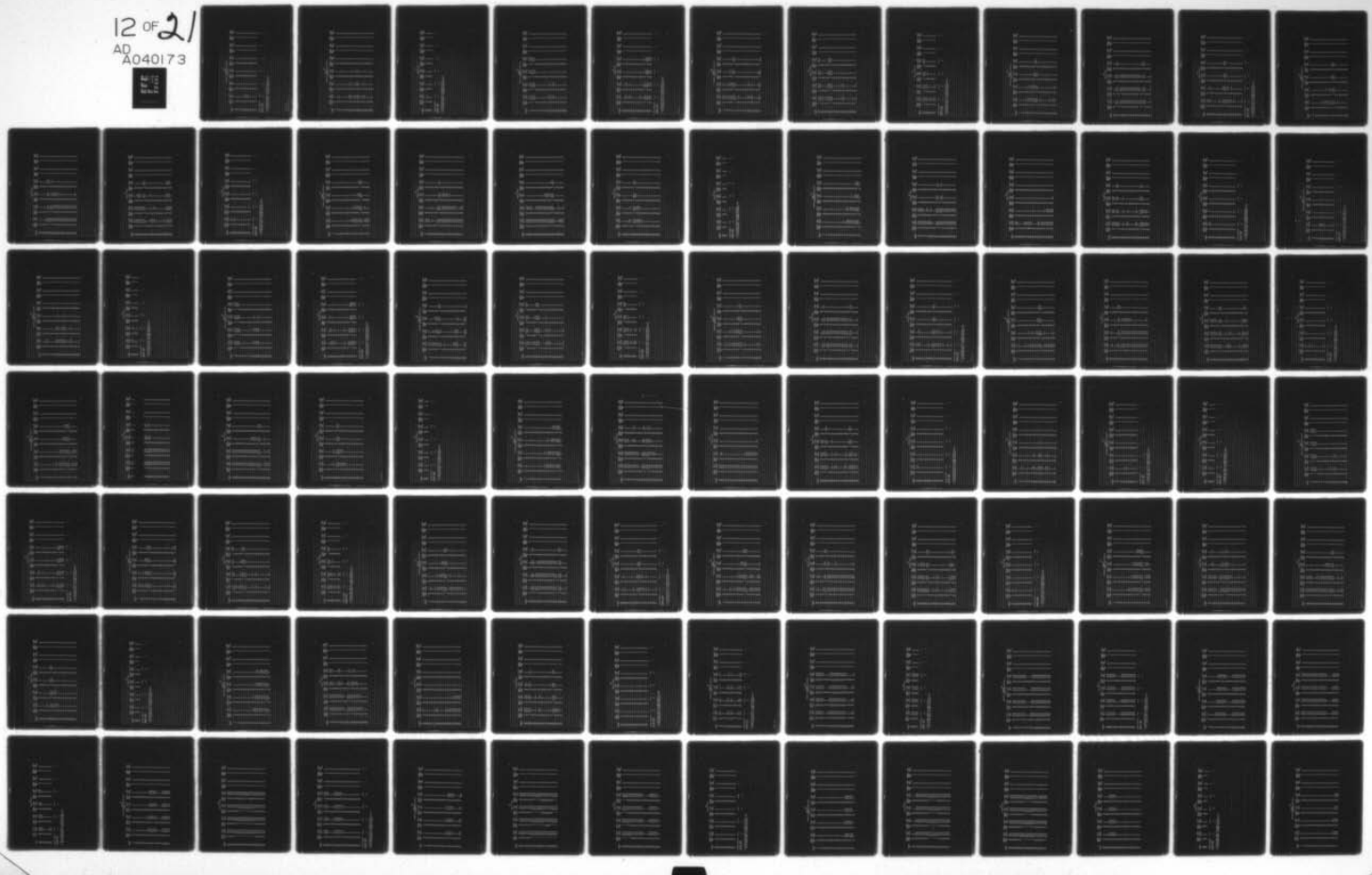

TABLE 8
SHIELDING OF TARGET AT POSITION C
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
18	95	0.	95	0.	93	0.	92	0.	0	0.	0	0.
36	94	0.	94	0.	92	0.	91	0.	0	0.	0	0.
54	93	0.	92	0.	91	0.	89	0.	0	0.	0	0.
72	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
90	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
108	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
126	92	0.	92	0.	90	0.	89	0.	0	0.	0	0.
144	94	0.	94	0.	92	0.	91	0.	0	0.	0	0.
162	96	10.00	95	0.	94	0.	92	0.	0	0.	0	0.
180	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
198	96	10.00	95	0.	94	0.	92	0.	0	0.	0	0.
216	94	10.00	94	0.	92	0.	91	0.	0	0.	0	0.
234	93	0.	92	0.	90	0.	89	0.	0	0.	0	0.
252	91	0.	90	0.	89	0.	88	0.	0	0.	0	0.
270	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
288	91	0.	91	0.	89	0.	88	0.	0	0.	0	0.
306	93	0.	92	0.	91	0.	89	0.	0	0.	0	0.
324	94	0.	94	0.	92	0.	91	0.	0	0.	0	0.
342	95	0.	95	0.	93	0.	92	0.	0	0.	0	0.
360	96	0.	95	0.	94	0.	92	0.	0	0.	0	0.
AVERAGE SHIELDING		1.50		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		92		91		90		0		0

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 5
SHIELDING OF TARGET AT POSITION C
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
9	93	0.	92	0.	92	0.	91	0.	0	0.	0	0.
18	93	0.	93	0.	92	0.	91	0.	0	0.	0	0.
27	94	0.	94	0.	93	0.	92	0.	0	0.	0	0.
36	95	10.00	95	0.	94	0.	93	0.	0	0.	0	0.
45	94	0.	94	0.	93	0.	92	0.	0	0.	0	0.
54	93	0.	93	0.	92	0.	91	0.	0	0.	0	0.
63	92	0.	92	0.	91	0.	90	0.	0	0.	0	0.
72	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
81	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
99	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
108	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
117	92	10.00	92	0.	91	0.	91	0.	0	0.	0	0.
126	94	10.00	93	10.00	93	0.	92	0.	0	0.	0	0.
135	94	10.00	94	0.	93	0.	92	0.	0	0.	0	0.
144	94	0.	94	0.	93	0.	92	0.	0	0.	0	0.
153	95	0.	94	0.	94	0.	93	0.	0	0.	0	0.
162	96	20.00	95	0.	94	0.	94	0.	0	0.	0	0.
171	99	50.00	96	10.00	95	0.	94	0.	0	0.	0	0.
180	101	60.00	96	10.00	95	10.00	94	0.	0	0.	0	0.
189	99	40.00	96	10.00	95	0.	94	0.	0	0.	0	0.
198	96	20.00	95	0.	95	0.	94	0.	0	0.	0	0.
207	95	0.	94	0.	94	0.	93	0.	0	0.	0	0.
216	94	0.	94	0.	93	0.	92	0.	0	0.	0	0.
225	94	10.00	94	0.	93	0.	92	0.	0	0.	0	0.
234	95	20.00	94	10.00	93	0.	92	0.	0	0.	0	0.
243	93	10.00	92	0.	91	0.	91	0.	0	0.	0	0.
252	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
261	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
279	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
288	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
297	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
306	93	0.	93	0.	92	0.	91	0.	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
315	94	0.	94	0.	93	0.	92	0.	0	0.	0	0.
324	95	10.00	95	0.	94	0.	93	0.	0	0.	0	0.
333	94	0.	94	0.	93	0.	92	0.	0	0.	0	0.
342	93	0.	93	0.	92	0.	91	0.	0	0.	0	0.
351	93	0.	92	0.	92	0.	91	0.	0	0.	0	0.
360	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
AVERAGE SHIELDING		7.00		1.25		0.25		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		93		92		91		0		0

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8
SHIELDING OF TARGET AT POSITION C
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
6	96	80.00	95	70.00	93	40.00	91	20.00	0	0.	0	0.
12	96	80.00	95	60.00	92	30.00	91	10.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	96	90.00	0	0.	0	0.
24	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
30	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
36	0	100.00	0	100.00	90	10.00	90	0.	0	0.	0	0.
42	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
48	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
54	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
60	93	0.	92	0.	92	0.	91	0.	0	0.	0	0.
66	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
72	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
78	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
84	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
96	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
102	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
108	92	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
114	92	10.00	92	10.00	92	0.	91	0.	0	0.	0	0.
120	92	10.00	92	0.	92	0.	91	0.	0	0.	0	0.
126	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
132	96	50.00	94	20.00	93	0.	93	0.	0	0.	0	0.
138	96	30.00	94	10.00	94	0.	93	0.	0	0.	0	0.
144	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
150	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
156	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
162	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
168	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
174	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
180	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
186	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
192	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
198	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
204	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
210	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
216	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
222	96	30.00	94	10.00	94	0.	93	0.	0	0.	0	0.
228	96	50.00	94	10.00	93	0.	93	0.	0	0.	0	0.
234	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
240	93	10.00	92	0.	92	0.	91	0.	0	0.	0	0.
246	93	10.00	92	10.00	92	0.	91	0.	0	0.	0	0.
252	92	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
258	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
264	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
276	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
282	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
288	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
294	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
300	93	10.00	93	0.	92	0.	92	0.	0	0.	0	0.
306	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
312	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
318	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
324	0	100.00	0	100.00	90	0.	90	0.	0	0.	0	0.
330	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
336	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
342	0	100.00	0	100.00	0	100.00	96	80.00	0	0.	0	0.
348	96	80.00	95	60.00	92	30.00	91	10.00	0	0.	0	0.
354	96	80.00	95	70.00	93	40.00	91	20.00	0	0.	0	0.
360	95	70.00	94	50.00	92	30.00	90	10.00	0	0.	0	0.
AVERAGE SHIELDING		23.67		19.67		13.00		10.67		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		92		91		91		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8
SHIELDING OF TARGET AT POSITION C
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
4	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
9	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
13	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
18	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
22	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
27	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
31	92	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
36	92	30.00	91	20.00	90	0.	90	0.	0	0.	0	0.
40	93	50.00	92	40.00	90	10.00	90	0.	0	0.	0	0.
45	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
49	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
54	0	100.00	93	70.00	90	0.	89	0.	0	0.	0	0.
58	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
63	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
67	93	50.00	92	0.	91	0.	91	0.	0	0.	0	0.
72	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
76	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
81	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
85	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
94	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
99	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
103	91	10.00	91	10.00	90	0.	90	0.	0	0.	0	0.
108	92	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
112	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
117	92	10.00	92	0.	92	0.	91	0.	0	0.	0	0.
121	95	50.00	93	20.00	92	0.	92	0.	0	0.	0	0.
126	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
130	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
135	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
139	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
144	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
148	0	100.00	0	100.00	0	100.00	90	0.	0	0.	0	0.
153	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
157	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
162	0	100.00	0	100.00	94	80.00	92	40.00	0	0.	0	0.
166	94	70.00	93	50.00	91	10.00	90	0.	0	0.	0	0.
171	91	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
175	91	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
180	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
184	91	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
189	91	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
193	94	70.00	93	50.00	91	10.00	90	0.	0	0.	0	0.
198	0	100.00	0	100.00	95	90.00	92	40.00	0	0.	0	0.
202	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
207	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
211	0	100.00	0	100.00	93	70.00	90	0.	0	0.	0	0.
216	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
220	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
225	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
229	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
234	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
238	95	50.00	93	20.00	93	0.	92	0.	0	0.	0	0.
243	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
247	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
252	92	10.00	92	10.00	91	0.	91	0.	0	0.	0	0.
256	92	20.00	91	10.00	91	0.	90	0.	0	0.	0	0.
261	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
265	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
274	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
279	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
283	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
288	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
292	92	10.00	92	0.	92	0.	91	0.	0	0.	0	0.
297	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
301	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
306	0	100.00	91	30.00	90	0.	89	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
310	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
315	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
319	93	50.00	92	30.00	90	10.00	90	0.	0	0.	0	0.
324	92	30.00	91	20.00	90	0.	90	0.	0	0.	0	0.
328	92	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
333	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
337	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
342	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
346	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
351	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
355	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
360	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
AVERAGE SHIELDING		27.25		21.00		15.00		11.00		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		91		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 8
SHIELDING OF TARGET AT POSITION C
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
7	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
10	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
14	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
18	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
21	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
25	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
28	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
32	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
36	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
39	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
43	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
46	91	30.00	91	20.00	90	0.	90	0.	0	0.	0	0.
50	92	50.00	91	30.00	90	20.00	90	0.	0	0.	0	0.
54	0	100.00	94	90.00	92	60.00	91	30.00	0	0.	0	0.
57	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
61	0	100.00	0	100.00	90	30.00	90	0.	0	0.	0	0.
64	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
68	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
72	92	40.00	91	0.	91	0.	90	0.	0	0.	0	0.
75	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
79	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
82	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
86	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
93	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
97	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
100	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
104	91	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
108	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
111	92	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
115	93	20.00	92	10.00	92	0.	91	0.	0	0.	0	0.
118	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
122	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
126	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
129	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
133	0	100.00	0	100.00	92	70.00	90	0.	0	0.	0	0.
136	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
140	0	100.00	93	80.00	92	40.00	90	10.00	0	0.	0	0.
144	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
147	0	100.00	0	100.00	91	20.00	90	0.	0	0.	0	0.
151	0	100.00	0	100.00	92	60.00	90	0.	0	0.	0	0.
154	94	90.00	93	60.00	91	10.00	90	0.	0	0.	0	0.
158	93	60.00	92	30.00	91	20.00	90	0.	0	0.	0	0.
162	92	50.00	92	30.00	91	10.00	90	0.	0	0.	0	0.
165	92	50.00	91	20.00	91	10.00	90	0.	0	0.	0	0.
169	92	30.00	92	30.00	91	10.00	90	0.	0	0.	0	0.
172	92	40.00	92	30.00	91	10.00	90	0.	0	0.	0	0.
176	92	50.00	92	30.00	91	10.00	90	0.	0	0.	0	0.
180	93	70.00	92	50.00	91	20.00	90	0.	0	0.	0	0.
183	92	40.00	92	30.00	91	10.00	90	0.	0	0.	0	0.
187	92	40.00	92	30.00	91	10.00	90	0.	0	0.	0	0.
190	92	30.00	92	30.00	91	10.00	90	0.	0	0.	0	0.
194	92	50.00	91	20.00	91	10.00	90	0.	0	0.	0	0.
198	92	50.00	92	30.00	91	10.00	90	0.	0	0.	0	0.
201	93	60.00	92	30.00	91	20.00	90	0.	0	0.	0	0.
205	94	90.00	92	50.00	91	10.00	90	0.	0	0.	0	0.
208	0	100.00	0	100.00	91	30.00	90	0.	0	0.	0	0.
212	0	100.00	93	70.00	90	10.00	90	0.	0	0.	0	0.
216	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
219	0	100.00	0	100.00	93	80.00	92	40.00	0	0.	0	0.
223	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
226	0	100.00	92	70.00	90	0.	90	0.	0	0.	0	0.
230	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
234	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
237	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
241	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
244	94	50.00	93	20.00	92	10.00	92	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
248	92	10.00	92	0.	91	0.	91	0.	0	0.	0	0.
252	91	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
255	91	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
259	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
262	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
266	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
273	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
277	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
280	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
284	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
288	92	20.00	91	0.	91	0.	91	0.	0	0.	0	0.
291	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
295	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
298	0	100.00	93	80.00	90	0.	90	0.	0	0.	0	0.
302	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	94	90.00	93	80.00	92	50.00	91	20.00	0	0.	0	0.
309	92	40.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
313	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
316	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
320	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
324	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
327	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
331	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
334	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
338	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
342	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
345	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
349	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
352	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
356	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
360	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
AVERAGE SHIELDING		28.80		21.60		10.70		5.00		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		91		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8

SHIELDING OF TARGET AT POSITION C

RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
6	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
9	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
12	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
15	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
18	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
21	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
24	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
27	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
30	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
33	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
36	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
39	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
42	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
45	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
48	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
51	90	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
54	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
57	91	40.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
60	0	100.00	0	100.00	92	70.00	91	50.00	0	0.	0	0.
63	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
66	0	100.00	0	100.00	0	100.00	90	30.00	0	0.	0	0.
69	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
72	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
75	91	20.00	91	0.	90	0.	90	0.	0	0.	0	0.
78	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
81	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
84	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
87	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
90	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
93	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
96	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
99	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
102	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.

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TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
105	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
108	92	30.00	91	0.	91	0.	91	0.	0	0.	0	0.
111	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
114	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
117	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
120	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
123	92	60.00	90	0.	90	0.	89	0.	0	0.	0	0.
126	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
129	0	100.00	0	100.00	92	70.00	91	30.00	0	0.	0	0.
132	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
135	0	100.00	0	100.00	90	0.	90	0.	0	0.	0	0.
138	0	100.00	0	100.00	93	90.00	90	10.00	0	0.	0	0.
141	0	100.00	92	70.00	91	20.00	90	0.	0	0.	0	0.
144	93	70.00	92	50.00	90	10.00	90	0.	0	0.	0	0.
147	92	70.00	92	50.00	91	20.00	90	0.	0	0.	0	0.
150	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
153	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
156	92	40.00	91	20.00	90	0.	90	0.	0	0.	0	0.
159	91	20.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
162	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
165	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
168	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
171	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
174	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
177	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
180	91	30.00	91	20.00	90	0.	90	0.	0	0.	0	0.
183	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
186	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
189	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
192	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
195	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
198	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
201	91	20.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
204	91	30.00	91	20.00	90	0.	90	0.	0	0.	0	0.

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
207	91	20.00	91	20.00	90	0.	90	0.	0	0.	0	0.
210	91	20.00	91	20.00	90	0.	90	0.	0	0.	0	0.
213	92	50.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
216	92	50.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
219	92	70.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
222	0	100.00	92	60.00	91	20.00	90	0.	0	0.	0	0.
225	91	30.00	90	10.00	90	0.	90	0.	0	0.	0	0.
228	91	30.00	90	10.00	90	0.	90	0.	0	0.	0	0.
231	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
234	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
237	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
240	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
243	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
246	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
249	94	60.00	93	40.00	92	10.00	91	0.	0	0.	0	0.
252	91	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
255	91	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
258	91	10.00	91	10.00	91	0.	90	0.	0	0.	0	0.
261	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
264	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
267	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
273	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
276	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
279	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
282	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
285	92	40.00	91	0.	91	0.	91	0.	0	0.	0	0.
288	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
291	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
294	0	100.00	0	100.00	92	90.00	90	10.00	0	0.	0	0.
297	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
300	92	70.00	92	50.00	91	30.00	90	10.00	0	0.	0	0.
303	91	30.00	91	20.00	90	0.	90	0.	0	0.	0	0.
306	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
309	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
312	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
315	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
318	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
321	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
324	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
327	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
330	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
333	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
336	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
339	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
342	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
345	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
348	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
351	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
354	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
357	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
360	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
AVERAGE SHIELDING		22.42		16.08		9.25		5.33		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		90		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 8
SHIELDING OF TARGET AT POSITION C
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
5	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
7	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
10	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
12	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
15	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
18	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
20	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
23	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
25	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
28	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
30	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
33	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
36	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
38	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
41	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
43	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
46	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
48	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
51	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
54	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
56	90	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
59	90	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
61	91	30.00	90	20.00	90	10.00	90	0.	0	0.	0	0.
64	92	70.00	91	50.00	90	30.00	90	10.00	0	0.	0	0.
66	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
69	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
72	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
74	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
77	91	30.00	91	10.00	90	0.	90	0.	0	0.	0	0.
79	91	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
82	90	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
84	90	10.00	90	0.	89	0.	89	0.	0	0.	0	0.
87	90	10.00	89	0.	89	0.	89	0.	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
90	90	20.00	89	0.	89	0.	89	0.	0	0.	0	0.
92	90	20.00	89	0.	89	0.	89	0.	0	0.	0	0.
95	90	10.00	90	0.	89	0.	89	0.	0	0.	0	0.
97	91	30.00	90	0.	90	0.	90	0.	0	0.	0	0.
100	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
102	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
105	92	50.00	91	10.00	91	0.	90	0.	0	0.	0	0.
108	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
110	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
113	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
115	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
118	0	100.00	0	100.00	90	0.	90	0.	0	0.	0	0.
120	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
123	92	70.00	91	50.00	90	10.00	90	0.	0	0.	0	0.
126	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
128	0	100.00	92	60.00	90	10.00	90	0.	0	0.	0	0.
131	92	60.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
133	92	70.00	91	50.00	90	10.00	90	0.	0	0.	0	0.
136	92	50.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
138	91	40.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
141	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
144	91	30.00	90	10.00	90	0.	90	0.	0	0.	0	0.
146	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
149	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
151	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
154	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
156	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
159	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
162	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
164	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
167	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
169	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
172	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
174	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
177	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
180	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
182	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
185	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
187	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
190	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
192	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
195	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
198	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
200	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
203	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
205	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
208	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
210	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
213	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
216	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
218	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
221	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
223	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
226	91	40.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
228	92	80.00	91	30.00	91	20.00	90	0.	0	0.	0	0.
231	0	100.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
234	91	30.00	90	10.00	90	0.	90	0.	0	0.	0	0.
236	0	100.00	0	100.00	0	100.00	92	70.00	0	0.	0	0.
239	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
241	91	50.00	90	0.	90	0.	89	0.	0	0.	0	0.
244	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
246	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
249	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
252	93	60.00	92	30.00	91	0.	91	0.	0	0.	0	0.
254	91	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
257	91	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
259	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
262	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.

TABLE I (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
264	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
267	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
272	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
275	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
277	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
280	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
282	92	50.00	91	10.00	91	0.	91	0.	0	0.	0	0.
285	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
288	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
290	0	100.00	0	100.00	0	100.00	91	40.00	0	0.	0	0.
293	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
295	91	50.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
298	91	30.00	90	20.00	90	0.	90	0.	0	0.	0	0.
300	90	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
303	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
306	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
308	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
311	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
313	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
316	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
318	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
321	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
324	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
326	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
329	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
331	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
334	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
336	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
339	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
342	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
344	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
347	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
349	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
352	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
354	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
357	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
360	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
AVERAGE SHIELDING		19.14		12.07		6.36		4.43		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

K3

TABLE X
SHIELDING OF TARGET AT POSITION C
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
4	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
6	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
9	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
11	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
13	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
15	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
18	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
20	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
22	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
24	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
27	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
29	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
31	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
33	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
36	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
38	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
40	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
42	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
45	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
47	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
49	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
51	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
54	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
56	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
58	90	20.00	90	10.00	90	10.00	90	0.	0	0.	0	0.
60	90	20.00	90	20.00	90	0.	90	0.	0	0.	0	0.
63	91	30.00	90	20.00	90	0.	90	0.	0	0.	0	0.
65	91	40.00	90	30.00	90	20.00	90	0.	0	0.	0	0.
67	0	100.00	92	90.00	91	70.00	90	40.00	0	0.	0	0.
69	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
72	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
74	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
76	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.

#3

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
78	91	40.00	91	20.00	90	0.	90	0.	0	0.	0	0.
81	91	30.00	90	20.00	90	0.	90	0.	0	0.	0	0.
83	90	30.00	90	10.00	90	0.	90	0.	0	0.	0	0.
85	90	30.00	90	10.00	89	0.	89	0.	0	0.	0	0.
87	90	20.00	89	10.00	89	0.	89	0.	0	0.	0	0.
90	90	20.00	89	0.	89	0.	89	0.	0	0.	0	0.
92	90	20.00	89	0.	89	0.	89	0.	0	0.	0	0.
94	90	30.00	90	10.00	89	0.	89	0.	0	0.	0	0.
96	91	50.00	90	30.00	90	0.	90	0.	0	0.	0	0.
99	91	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
101	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
103	92	50.00	91	20.00	91	0.	90	0.	0	0.	0	0.
105	91	20.00	91	0.	91	0.	91	0.	0	0.	0	0.
108	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
110	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
112	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
114	0	100.00	0	100.00	91	40.00	90	0.	0	0.	0	0.
117	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
119	91	30.00	90	10.00	90	0.	90	0.	0	0.	0	0.
121	0	100.00	0	100.00	90	0.	90	0.	0	0.	0	0.
123	0	100.00	0	100.00	0	100.00	91	50.00	0	0.	0	0.
126	91	60.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
128	91	30.00	91	20.00	90	0.	90	0.	0	0.	0	0.
130	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
132	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
135	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
137	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
139	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
141	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
144	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
146	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
148	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
150	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
153	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.

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TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
155	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
157	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
159	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
162	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
164	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
166	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
168	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
171	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
173	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
175	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
177	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
180	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
182	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
184	[illegible]	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
186	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
189	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
191	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
193	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
195	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
198	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
200	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
202	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
204	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
207	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
209	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
211	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
213	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
216	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
218	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
220	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
222	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
225	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
227	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
229	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.

K3

TABLE I (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
231	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
234	92	70.00	91	30.00	90	20.00	90	0.	0	0.	0	0.
236	0	100.00	91	50.00	90	20.00	90	0.	0	0.	0	0.
238	90	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
240	0	100.00	92	90.00	91	50.00	90	10.00	0	0.	0	0.
243	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
245	91	50.00	90	0.	90	0.	89	0.	0	0.	0	0.
247	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
249	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
252	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
254	92	50.00	92	30.00	91	10.00	91	0.	0	0.	0	0.
256	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
258	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
261	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
263	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
265	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
267	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
272	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
274	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
276	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
279	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
281	92	40.00	91	20.00	91	0.	91	0.	0	0.	0	0.
283	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
285	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
288	0	100.00	0	100.00	91	70.00	90	0.	0	0.	0	0.
290	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
292	91	60.00	91	50.00	90	30.00	90	0.	0	0.	0	0.
294	91	30.00	90	20.00	90	0.	90	0.	0	0.	0	0.
297	90	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
299	90	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
301	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
303	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
306	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
308	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
310	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
312	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
315	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
317	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
319	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
321	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
324	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
326	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
328	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
330	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
333	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
335	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
337	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
339	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
342	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
344	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
346	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
348	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
351	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
353	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
355	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
357	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
360	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
AVERAGE SHIELDING		17.19		11.44		6.06		3.75		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 3
SHIELDING OF TARGET AT POSITION D
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
18	95	0.	94	0.	93	0.	92	0.	0	0.	0	0.
36	94	0.	93	0.	92	0.	90	0.	0	0.	0	0.
54	93	0.	92	0.	90	0.	89	0.	0	0.	0	0.
72	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
90	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
108	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
126	92	0.	91	0.	90	0.	88	0.	0	0.	0	0.
144	94	10.00	93	0.	92	0.	90	0.	0	0.	0	0.
162	96	10.00	95	0.	93	0.	92	0.	0	0.	0	0.
180	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
198	96	10.00	95	0.	93	0.	92	0.	0	0.	0	0.
216	94	10.00	93	0.	92	0.	91	0.	0	0.	0	0.
234	92	0.	92	0.	90	0.	89	0.	0	0.	0	0.
252	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
270	90	0.	90	0.	88	0.	87	0.	0	0.	0	0.
288	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
306	93	0.	92	0.	91	0.	89	0.	0	0.	0	0.
324	94	0.	93	0.	92	0.	91	0.	0	0.	0	0.
342	95	0.	94	0.	93	0.	92	0.	0	0.	0	0.
360	96	10.00	95	0.	93	0.	92	0.	0	0.	0	0.
AVERAGE SHIELDING		2.50		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		92		91		89		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE NO 3

TABLE 44 (6. 1 of 25)

TABLE 8
SHIELDING OF TARGET AT POSITION D
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
9	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
18	93	0.	92	0.	92	0.	91	0.	0	0.	0	0.
27	94	0.	93	0.	93	0.	92	0.	0	0.	0	0.
36	95	10.00	94	0.	94	0.	93	0.	0	0.	0	0.
45	94	10.00	93	0.	92	0.	92	0.	0	0.	0	0.
54	93	0.	93	0.	92	0.	91	0.	0	0.	0	0.
63	92	0.	92	0.	91	0.	90	0.	0	0.	0	0.
72	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
81	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
99	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
108	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
117	93	20.00	92	10.00	91	0.	90	0.	0	0.	0	0.
126	95	20.00	93	10.00	93	10.00	92	0.	0	0.	0	0.
135	94	10.00	93	10.00	93	0.	92	0.	0	0.	0	0.
144	94	10.00	94	0.	93	0.	92	0.	0	0.	0	0.
153	95	10.00	94	0.	93	0.	93	0.	0	0.	0	0.
162	96	20.00	95	10.00	94	0.	94	0.	0	0.	0	0.
171	99	50.00	95	10.00	95	0.	94	0.	0	0.	0	0.
180	100	60.00	97	20.00	95	10.00	94	0.	0	0.	0	0.
189	99	50.00	95	10.00	95	0.	94	0.	0	0.	0	0.
198	96	20.00	95	0.	94	0.	94	0.	0	0.	0	0.
207	95	0.	94	0.	94	0.	93	0.	0	0.	0	0.
216	94	0.	94	0.	93	0.	92	0.	0	0.	0	0.
225	94	10.00	94	0.	93	0.	92	0.	0	0.	0	0.
234	95	20.00	93	10.00	93	0.	92	0.	0	0.	0	0.
243	92	10.00	92	0.	91	0.	91	0.	0	0.	0	0.
252	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
261	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
279	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
288	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
297	92	0.	92	0.	91	0.	90	0.	0	0.	0	0.
306	93	10.00	93	0.	92	0.	91	0.	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
315	94	10.00	94	0.	93	0.	92	0.	0	0.	0	0.
324	95	10.00	95	10.00	94	0.	93	0.	0	0.	0	0.
333	94	0.	94	0.	93	0.	92	0.	0	0.	0	0.
342	93	0.	93	0.	92	0.	91	0.	0	0.	0	0.
351	93	0.	92	0.	91	0.	91	0.	0	0.	0	0.
360	92	0.	92	0.	91	0.	90	0.	0	0.	0	0.
AVERAGE SHIELDING		9.00		2.50		0.50		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		93		92		91		0		0

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 8
SHIELDING OF TARGET AT POSITION D
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
6	96	90.00	95	70.00	93	50.00	92	30.00	0	0.	0	0.
12	96	80.00	95	60.00	93	40.00	91	10.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
24	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
30	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
36	0	100.00	0	100.00	91	20.00	90	0.	0	0.	0	0.
42	90	0.	89	0.	89	0.	88	0.	0	0.	0	0.
48	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
54	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
60	94	40.00	92	0.	92	0.	91	0.	0	0.	0	0.
66	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
72	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
78	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
84	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	89	0.	89	0.	88	0.	0	0.	0	0.
96	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
102	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
108	91	10.00	91	10.00	91	0.	90	0.	0	0.	0	0.
114	93	20.00	92	10.00	92	10.00	91	0.	0	0.	0	0.
120	92	10.00	92	10.00	92	0.	91	0.	0	0.	0	0.
126	93	10.00	93	10.00	92	0.	92	0.	0	0.	0	0.
132	96	50.00	94	20.00	93	0.	93	0.	0	0.	0	0.
138	95	20.00	94	10.00	94	10.00	93	0.	0	0.	0	0.
144	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
150	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
156	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
162	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
168	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
174	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
180	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
186	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
192	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
198	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
204	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
210	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
216	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
222	96	40.00	95	20.00	94	10.00	93	0.	0	0.	0	0.
228	96	50.00	94	20.00	93	0.	93	0.	0	0.	0	0.
234	93	10.00	93	0.	92	0.	92	0.	0	0.	0	0.
240	93	10.00	92	0.	92	0.	91	0.	0	0.	0	0.
246	93	20.00	92	10.00	92	0.	91	0.	0	0.	0	0.
252	92	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
258	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
264	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
276	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
282	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
288	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
294	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
300	93	10.00	93	10.00	92	0.	92	0.	0	0.	0	0.
306	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
312	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
318	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
324	0	100.00	0	100.00	90	0.	90	0.	0	0.	0	0.
330	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
336	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
342	0	100.00	0	100.00	0	100.00	96	80.00	0	0.	0	0.
348	96	80.00	95	60.00	92	30.00	91	10.00	0	0.	0	0.
354	96	80.00	95	70.00	93	50.00	92	30.00	0	0.	0	0.
360	95	70.00	94	60.00	92	40.00	90	10.00	0	0.	0	0.
AVERAGE SHIELDING		25.17		20.83		14.33		11.17		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		92		91		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

Sheet of

TABLE 8
SHIELDING OF TARGET AT POSITION D
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
4	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
9	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
13	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
18	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
22	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
27	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
31	92	30.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
36	92	40.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
40	93	50.00	92	40.00	90	10.00	90	0.	0	0.	0	0.
45	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
49	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
54	0	100.00	93	70.00	90	0.	89	0.	0	0.	0	0.
58	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
63	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
67	92	30.00	91	0.	91	0.	90	0.	0	0.	0	0.
72	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
76	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
81	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
85	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
90	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
94	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
99	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
103	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
108	91	10.00	91	10.00	91	0.	90	0.	0	0.	0	0.
112	92	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
117	92	10.00	92	10.00	91	0.	91	0.	0	0.	0	0.
121	94	30.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
126	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
130	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
135	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
139	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
144	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
148	0	100.00	0	100.00	0	100.00	90	0.	0	0.	0	0.
153	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

#4

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
157	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
162	0	100.00	0	100.00	94	80.00	91	30.00	0	0.	0	0.
166	93	60.00	92	40.00	90	10.00	90	0.	0	0.	0	0.
171	91	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
175	91	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
180	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
184	91	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
189	91	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
193	94	70.00	93	50.00	91	10.00	90	0.	0	0.	0	0.
198	0	100.00	0	100.00	94	90.00	92	40.00	0	0.	0	0.
202	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
207	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
211	0	100.00	0	100.00	94	90.00	90	0.	0	0.	0	0.
216	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
220	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
225	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
229	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
234	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
238	95	60.00	94	30.00	93	10.00	92	0.	0	0.	0	0.
243	92	10.00	92	0.	92	0.	91	0.	0	0.	0	0.
247	92	10.00	92	10.00	91	0.	91	0.	0	0.	0	0.
252	92	10.00	92	10.00	91	0.	91	0.	0	0.	0	0.
255	91	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
261	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
265	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
274	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
279	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
283	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
288	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
292	92	10.00	92	0.	92	0.	91	0.	0	0.	0	0.
297	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
301	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
306	0	100.00	91	30.00	90	0.	89	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
310	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
315	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
319	93	50.00	92	30.00	90	10.00	90	0.	0	0.	0	0.
324	92	30.00	91	20.00	90	0.	90	0.	0	0.	0	0.
328	92	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
333	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
337	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
342	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
345	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
351	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
355	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
360	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
AVERAGE SHIELDING		27.50		21.25		15.62		10.87		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		91		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 8
SHIELDING OF TARGET AT POSITION D
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
7	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
10	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
14	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
18	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
21	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
25	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
28	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
32	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
36	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
39	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
43	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
46	91	30.00	91	20.00	90	0.	90	0.	0	0.	0	0.
50	92	50.00	91	40.00	90	20.00	90	0.	0	0.	0	0.
54	0	100.00	0	100.00	94	90.00	93	70.00	0	0.	0	0.
57	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
61	0	100.00	0	100.00	91	50.00	89	0.	0	0.	0	0.
64	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
68	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
72	91	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
75	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
79	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
82	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
86	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
90	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
93	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
97	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
100	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
104	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
108	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
111	91	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
115	92	10.00	92	10.00	91	0.	91	0.	0	0.	0	0.
118	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
122	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
126	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
129	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
133	0	100.00	0	100.00	92	70.00	90	0.	0	0.	0	0.
136	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
140	94	90.00	93	70.00	91	30.00	90	0.	0	0.	0	0.
144	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
147	0	100.00	0	100.00	91	20.00	90	0.	0	0.	0	0.
151	0	100.00	0	100.00	93	90.00	90	0.	0	0.	0	0.
154	0	100.00	93	70.00	91	20.00	90	0.	0	0.	0	0.
158	93	80.00	92	40.00	91	20.00	90	0.	0	0.	0	0.
162	93	60.00	92	40.00	91	10.00	90	0.	0	0.	0	0.
165	93	60.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
169	92	40.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
172	92	40.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
176	92	50.00	91	30.00	91	10.00	90	0.	0	0.	0	0.
180	93	60.00	92	40.00	91	10.00	90	0.	0	0.	0	0.
183	92	50.00	92	30.00	91	10.00	90	0.	0	0.	0	0.
187	92	40.00	92	30.00	91	10.00	90	0.	0	0.	0	0.
190	92	40.00	92	30.00	91	10.00	90	0.	0	0.	0	0.
194	93	60.00	92	30.00	91	10.00	90	0.	0	0.	0	0.
198	92	50.00	92	30.00	91	10.00	90	0.	0	0.	0	0.
201	93	60.00	92	30.00	91	20.00	90	0.	0	0.	0	0.
205	93	80.00	92	50.00	91	10.00	90	0.	0	0.	0	0.
208	0	100.00	0	100.00	92	40.00	90	0.	0	0.	0	0.
212	0	100.00	0	100.00	91	20.00	90	0.	0	0.	0	0.
216	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
219	0	100.00	0	100.00	92	50.00	90	10.00	0	0.	0	0.
223	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
226	0	100.00	93	90.00	90	0.	90	0.	0	0.	0	0.
230	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
234	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
237	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
241	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
244	94	50.00	93	20.00	92	10.00	92	0.	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
248	92	10.00	92	0.	91	0.	91	0.	0	0.	0	0.
252	91	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
255	91	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
259	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
262	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
266	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
273	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
277	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
280	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
284	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
288	92	20.00	91	0.	91	0.	91	0.	0	0.	0	0.
291	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
295	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
298	0	100.00	92	80.00	90	0.	90	0.	0	0.	0	0.
302	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	94	90.00	93	80.00	92	50.00	91	20.00	0	0.	0	0.
309	92	40.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
313	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
316	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
320	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
324	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
327	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
331	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
334	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
338	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
342	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
345	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
349	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
352	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
356	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
360	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
AVERAGE SHIELDING		29.20		22.90		11.30		5.00		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		91		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

KK

TABLE 8
SHIELDING OF TARGET AT POSITION D
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
6	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
9	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
12	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
15	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
18	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
21	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
24	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
27	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
30	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
33	90	10.00	90	10.00	90	0.	89	0.	0	0.	0	0.
36	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
39	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
42	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
45	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
48	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
51	90	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
54	90	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
57	91	40.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
60	93	90.00	92	80.00	92	60.00	90	30.00	0	0.	0	0.
63	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
66	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
69	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
72	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
75	92	40.00	91	10.00	91	0.	90	0.	0	0.	0	0.
78	91	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
81	90	20.00	90	0.	90	0.	89	0.	0	0.	0	0.
84	90	10.00	90	0.	89	0.	89	0.	0	0.	0	0.
87	89	10.00	89	0.	89	0.	89	0.	0	0.	0	0.
90	90	20.00	89	0.	89	0.	89	0.	0	0.	0	0.
93	90	20.00	89	0.	89	0.	89	0.	0	0.	0	0.
96	90	10.00	90	0.	89	0.	89	0.	0	0.	0	0.
99	91	40.00	90	10.00	90	0.	90	0.	0	0.	0	0.
102	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.

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TABLE XX (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
105	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
108	93	90.00	91	10.00	91	0.	91	0.	0	0.	0	0.
111	91	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
114	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
117	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
120	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
123	91	60.00	90	0.	90	0.	89	0.	0	0.	0	0.
126	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
129	0	100.00	0	100.00	92	70.00	91	20.00	0	0.	0	0.
132	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
135	92	50.00	91	20.00	90	0.	90	0.	0	0.	0	0.
138	0	100.00	92	70.00	90	10.00	90	0.	0	0.	0	0.
141	93	80.00	92	50.00	90	10.00	90	0.	0	0.	0	0.
144	93	80.00	92	60.00	91	20.00	90	0.	0	0.	0	0.
147	93	80.00	92	60.00	91	30.00	90	0.	0	0.	0	0.
150	92	40.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
153	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
156	92	50.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
159	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
162	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
165	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
168	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
171	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
174	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
177	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
180	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
183	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
186	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
189	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
192	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
195	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
198	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
201	91	20.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
204	91	30.00	91	20.00	90	0.	90	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
207	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
210	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
213	92	50.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
216	92	60.00	91	40.00	90	10.00	90	0.	0	0.	0	0.
219	92	70.00	91	40.00	90	10.00	90	0.	0	0.	0	0.
222	0	100.00	93	90.00	90	10.00	90	0.	0	0.	0	0.
225	91	40.00	91	20.00	90	0.	90	0.	0	0.	0	0.
228	91	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
231	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
234	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
237	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
240	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
243	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
246	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
249	94	60.00	93	40.00	92	10.00	91	0.	0	0.	0	0.
252	91	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
255	91	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
258	91	10.00	91	10.00	91	0.	90	0.	0	0.	0	0.
261	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
264	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
267	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
273	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
276	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
279	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
282	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
285	92	40.00	91	10.00	91	0.	91	0.	0	0.	0	0.
288	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
291	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
294	0	100.00	0	100.00	92	90.00	90	0.	0	0.	0	0.
297	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
300	92	70.00	92	50.00	91	30.00	90	10.00	0	0.	0	0.
303	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
306	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.

KK

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
309	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
312	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
315	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
318	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
321	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
324	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
327	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
330	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
333	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
336	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
339	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
342	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
345	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
348	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
351	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
354	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
357	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
360	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
AVERAGE SHIELDING		24.75		16.00		8.83		5.50		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		90		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 8
SHIELDING OF TARGET AT POSITION D
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
5	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
7	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
10	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
12	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
15	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
18	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
20	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
23	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
25	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
28	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
30	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
33	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
36	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
38	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
41	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
43	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
46	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
48	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
51	90	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
54	90	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
56	91	30.00	90	20.00	90	10.00	90	0.	0	0.	0	0.
59	91	40.00	91	30.00	90	20.00	90	0.	0	0.	0	0.
61	91	50.00	91	40.00	90	30.00	90	10.00	0	0.	0	0.
64	0	100.00	92	80.00	91	60.00	90	30.00	0	0.	0	0.
66	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
69	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
72	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
74	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
77	92	40.00	91	20.00	90	0.	90	0.	0	0.	0	0.
79	91	40.00	91	20.00	90	0.	90	0.	0	0.	0	0.
82	91	30.00	90	20.00	90	0.	90	0.	0	0.	0	0.
84	90	30.00	90	10.00	89	0.	89	0.	0	0.	0	0.
87	90	20.00	89	10.00	89	0.	89	0.	0	0.	0	0.

TABLE 6 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
90	90	20.00	89	10.00	89	0.	89	0.	0	0.	0	0.
92	90	20.00	89	10.00	89	0.	89	0.	0	0.	0	0.
95	90	30.00	90	20.00	89	0.	89	0.	0	0.	0	0.
[illegible]												
113	0	100.00	0	100.00	90	0.	90	0.	0	0.	0	0.
120	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
123	92	90.00	92	60.00	90	20.00	90	0.	0	0.	0	0.
126	0	100.00	90	0.	90	0.	90	0.	0	0.	0	0.
128	0	100.00	0	100.00	0	100.00	91	40.00	0	0.	0	0.
131	92	90.00	91	50.00	90	10.00	90	0.	0	0.	0	0.
133	91	50.00	91	30.00	90	0.	90	0.	0	0.	0	0.
136	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
138	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
141	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
144	91	30.00	91	20.00	90	0.	90	0.	0	0.	0	0.
146	91	30.00	91	20.00	90	0.	90	0.	0	0.	0	0.
149	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
151	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
154	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
156	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
159	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
162	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
164	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
167	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
169	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
172	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
174	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.

KK

TABLE 6 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
177	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
180	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
182	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
185	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
187	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
190	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
192	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
195	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
198	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
200	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
203	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
205	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
208	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
210	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
213	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
216	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
218	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
221	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
223	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
226	92	50.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
228	92	70.00	91	40.00	90	20.00	90	0.	0	0.	0	0.
231	0	100.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
234	91	30.00	90	10.00	90	0.	90	0.	0	0.	0	0.
236	0	100.00	0	100.00	0	100.00	92	70.00	0	0.	0	0.
239	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
241	91	70.00	90	0.	90	0.	89	0.	0	0.	0	0.
244	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
246	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
249	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
252	93	60.00	92	30.00	91	10.00	91	0.	0	0.	0	0.
254	91	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
257	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
259	91	10.00	91	10.00	90	0.	90	0.	0	0.	0	0.
262	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.

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TABLE 7 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
264	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
267	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
272	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
275	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
277	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
280	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
282	91	20.00	91	10.00	91	0.	91	0.	0	0.	0	0.
285	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
288	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
290	0	100.00	0	100.00	0	100.00	90	30.00	0	0.	0	0.
293	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
295	91	50.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
298	91	30.00	90	20.00	90	0.	90	0.	0	0.	0	0.
300	90	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
303	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
306	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
308	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
311	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
313	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
316	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
318	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
321	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
324	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
326	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
329	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
331	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
334	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
336	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
339	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
342	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
344	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
347	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
349	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
352	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
354	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
357	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
360	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
AVERAGE SHIELDING		21.57		14.64		7.43		4.86		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

K4

TABLE 3
SHIELDING OF TARGET AT POSITION D
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
4	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
6	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
9	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
11	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
13	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
15	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
18	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
20	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
22	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
24	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
27	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
29	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
31	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
33	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
36	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
38	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
40	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
42	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
45	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
47	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
49	90	20.00	90	10.00	90	10.00	90	0.	0	0.	0	0.
51	90	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
54	90	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
56	90	20.00	90	10.00	90	10.00	90	0.	0	0.	0	0.
58	91	30.00	90	30.00	90	20.00	90	10.00	0	0.	0	0.
60	91	40.00	90	30.00	90	20.00	90	10.00	0	0.	0	0.
63	91	40.00	91	40.00	90	20.00	90	10.00	0	0.	0	0.
65	91	70.00	91	60.00	91	40.00	90	20.00	0	0.	0	0.
67	0	100.00	0	100.00	92	80.00	91	60.00	0	0.	0	0.
69	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
72	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
74	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
76	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
78	91	40.00	91	30.00	91	20.00	90	0.	0	0.	0	0.
81	91	40.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
83	91	30.00	90	20.00	90	10.00	90	0.	0	0.	0	0.
85	90	30.00	90	20.00	90	10.00	89	0.	0	0.	0	0.
87	90	20.00	90	10.00	89	0.	89	0.	0	0.	0	0.
90	90	30.00	90	20.00	89	0.	89	0.	0	0.	0	0.
92	90	20.00	90	20.00	89	0.	89	0.	0	0.	0	0.
94	90	30.00	90	20.00	90	10.00	89	0.	0	0.	0	0.
96	91	50.00	91	40.00	90	20.00	90	10.00	0	0.	0	0.
99	91	40.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
101	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
103	92	50.00	91	20.00	91	0.	90	0.	0	0.	0	0.
105	91	30.00	91	20.00	91	0.	91	0.	0	0.	0	0.
108	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
110	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
112	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
114	0	100.00	0	100.00	91	70.00	90	0.	0	0.	0	0.
117	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
119	91	30.00	90	20.00	90	0.	90	0.	0	0.	0	0.
121	0	100.00	0	100.00	90	10.00	90	0.	0	0.	0	0.
123	0	100.00	0	100.00	0	100.00	91	40.00	0	0.	0	0.
126	0	100.00	92	90.00	91	40.00	90	0.	0	0.	0	0.
128	0	100.00	92	80.00	91	50.00	90	20.00	0	0.	0	0.
130	92	60.00	91	40.00	90	10.00	90	0.	0	0.	0	0.
132	91	30.00	90	10.00	90	0.	90	0.	0	0.	0	0.
135	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
137	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
139	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
141	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
144	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
146	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
148	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
150	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
153	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.

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TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
155	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
157	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
159	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
162	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
164	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
166	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
168	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
171	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
173	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
175	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
177	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
180	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
182	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
184	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
186	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
189	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
191	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
193	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
195	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
198	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
200	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
202	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
204	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
207	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
209	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
211	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
213	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
216	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
218	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
220	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
222	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
225	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
227	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
229	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
231	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
234	91	50.00	91	30.00	90	20.00	90	0.	0	0.	0	0.
236	0	100.00	91	40.00	90	20.00	90	0.	0	0.	0	0.
238	90	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
240	0	100.00	92	90.00	91	50.00	90	10.00	0	0.	0	0.
243	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
245	91	50.00	90	0.	90	0.	89	0.	0	0.	0	0.
247	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
249	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
252	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
254	92	50.00	91	20.00	91	10.00	91	0.	0	0.	0	0.
256	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
258	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
261	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
263	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
265	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
267	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
272	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
274	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
276	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
279	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
281	92	40.00	91	10.00	91	0.	90	0.	0	0.	0	0.
283	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
285	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
288	0	100.00	0	100.00	0	100.00	91	50.00	0	0.	0	0.
290	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
292	91	60.00	91	40.00	90	20.00	90	0.	0	0.	0	0.
294	90	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
297	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
299	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
301	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
303	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
306	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.

KY

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
308	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
310	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
312	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
315	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
317	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
319	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
321	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
324	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
326	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
328	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
330	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
333	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
335	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
337	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
339	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
342	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
344	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
346	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
348	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
351	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
353	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
355	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
357	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
360	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
AVERAGE SHIELDING		19.56		13.87		8.19		4.62		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 5
SHIELDING OF TARGET AT POSITION E
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
9	93	0.	92	0.	91	0.	91	0.	0	0.	0	0.
18	93	0.	93	0.	92	0.	91	0.	0	0.	0	0.
27	94	0.	93	0.	93	0.	92	0.	0	0.	0	0.
36	95	20.00	94	0.	93	0.	93	0.	0	0.	0	0.
45	93	0.	93	0.	92	0.	91	0.	0	0.	0	0.
54	93	0.	92	0.	92	0.	91	0.	0	0.	0	0.
63	92	0.	92	0.	91	0.	90	0.	0	0.	0	0.
72	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
81	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
99	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
108	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
117	93	10.00	92	0.	91	0.	91	0.	0	0.	0	0.
126	94	10.00	94	10.00	93	0.	92	0.	0	0.	0	0.
135	94	10.00	94	0.	93	0.	92	0.	0	0.	0	0.
144	94	0.	94	0.	93	0.	92	0.	0	0.	0	0.
153	95	0.	94	0.	94	0.	93	0.	0	0.	0	0.
162	97	30.00	95	0.	95	0.	94	0.	0	0.	0	0.
171	100	50.00	96	10.00	95	0.	94	0.	0	0.	0	0.
180	101	60.00	97	20.00	95	10.00	95	0.	0	0.	0	0.
189	100	50.00	96	10.00	95	0.	94	0.	0	0.	0	0.
198	97	20.00	95	0.	95	0.	94	0.	0	0.	0	0.
207	95	0.	94	0.	94	0.	93	0.	0	0.	0	0.
216	94	0.	94	0.	93	0.	92	0.	0	0.	0	0.
225	94	10.00	94	0.	93	0.	92	0.	0	0.	0	0.
234	95	20.00	94	10.00	93	0.	92	0.	0	0.	0	0.
243	93	10.00	92	0.	92	0.	91	0.	0	0.	0	0.
252	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
261	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
279	91	0.	90	0.	89	0.	89	0.	0	0.	0	0.
288	92	0.	91	0.	90	0.	90	0.	0	0.	0	0.
297	93	0.	92	0.	91	0.	91	0.	0	0.	0	0.
306	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.

Sh. 2 of 5

TABLE 8
SHIELDING OF TARGET AT POSITION E
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
18	96	0.	95	0.	93	0.	92	0.	0	0.	0	0.
36	95	0.	94	0.	92	0.	91	0.	0	0.	0	0.
54	93	0.	92	0.	91	0.	89	0.	0	0.	0	0.
72	91	0.	90	0.	89	0.	88	0.	0	0.	0	0.
90	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
108	91	0.	90	0.	89	0.	88	0.	0	0.	0	0.
126	93	0.	92	0.	90	0.	89	0.	0	0.	0	0.
144	94	0.	94	0.	92	0.	91	0.	0	0.	0	0.
162	96	10.00	95	0.	94	0.	92	0.	0	0.	0	0.
180	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
198	96	10.00	95	0.	94	0.	92	0.	0	0.	0	0.
216	95	0.	94	0.	92	0.	91	0.	0	0.	0	0.
234	93	0.	92	0.	90	0.	89	0.	0	0.	0	0.
252	91	0.	91	0.	89	0.	88	0.	0	0.	0	0.
270	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
288	92	0.	91	0.	89	0.	88	0.	0	0.	0	0.
306	93	0.	92	0.	91	0.	89	0.	0	0.	0	0.
324	95	0.	94	0.	92	0.	91	0.	0	0.	0	0.
342	96	0.	95	0.	93	0.	92	0.	0	0.	0	0.
360	96	0.	95	0.	94	0.	92	0.	0	0.	0	0.
AVERAGE SHIELDING		1.00		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		92		91		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE NO 3
TABLE 11A (Ch. 11 p25)

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TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
315	94	0.	94	0.	93	0.	92	0.	0	0.	0	0.
324	95	10.00	95	0.	94	0.	93	0.	0	0.	0	0.
333	94	0.	94	0.	93	0.	92	0.	0	0.	0	0.
342	93	0.	93	0.	92	0.	91	0.	0	0.	0	0.
351	93	0.	92	0.	92	0.	91	0.	0	0.	0	0.
360	92	0.	92	0.	91	0.	90	0.	0	0.	0	0.
AVERAGE SHIELDING		7.75		1.50		0.25		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		94		93		92		91		0		0

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 3
SHIELDING OF TARGET AT POSITION E
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
6	97	90.00	95	70.00	94	50.00	92	30.00	0	0.	0	0.
12	96	80.00	95	60.00	93	40.00	91	20.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
24	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
30	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
36	0	100.00	0	100.00	91	20.00	90	0.	0	0.	0	0.
42	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
48	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
54	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
60	93	30.00	92	0.	91	0.	91	0.	0	0.	0	0.
66	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
72	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
78	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
84	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	89	0.	89	0.	88	0.	0	0.	0	0.
96	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
102	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
108	91	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
114	92	10.00	92	0.	91	0.	91	0.	0	0.	0	0.
120	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
126	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
132	96	50.00	94	20.00	93	0.	93	0.	0	0.	0	0.
138	95	20.00	94	10.00	94	0.	93	0.	0	0.	0	0.
144	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
150	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
156	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
162	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
168	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
174	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
180	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
186	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
192	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
198	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
204	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
210	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
216	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
222	96	30.00	94	10.00	94	0.	93	0.	0	0.	0	0.
228	96	50.00	94	10.00	93	0.	93	0.	0	0.	0	0.
234	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
240	93	10.00	92	0.	92	0.	91	0.	0	0.	0	0.
246	93	10.00	92	10.00	92	0.	91	0.	0	0.	0	0.
252	92	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
258	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
264	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
276	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
282	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
288	92	0.	91	0.	91	0.	90	0.	0	0.	0	0.
294	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
300	93	10.00	93	0.	92	0.	92	0.	0	0.	0	0
306	93	0.	92	0.	92	0.	91	0.	0	0.	0	0.
312	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
318	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
324	0	100.00	0	100.00	90	0.	90	0.	0	0.	0	0.
330	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
336	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
342	0	100.00	0	100.00	0	100.00	96	90.00	0	0.	0	0.
348	96	80.00	95	60.00	93	40.00	91	10.00	0	0.	0	0.
354	97	90.00	95	70.00	94	50.00	92	30.00	0	0.	0	0.
360	95	70.00	94	60.00	92	30.00	90	10.00	0	0.	0	0.
AVERAGE SHIELDING		24.17		19.67		13.83		11.50		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		92		91		91		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

XT

TABLE X
SHIELDING OF TARGET AT POSITION E
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
4	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
9	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
13	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
18	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
22	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
27	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
31	92	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
36	92	40.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
40	94	70.00	93	50.00	92	30.00	90	10.00	0	0.	0	0.
45	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
49	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
54	0	100.00	93	90.00	90	0.	89	0.	0	0.	0	0.
58	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
63	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
67	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
72	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
76	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
81	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
85	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
90	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
94	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
99	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
103	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
108	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
112	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
117	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
121	93	10.00	92	0.	92	0.	92	0.	0	0.	0	0.
126	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
130	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
135	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
139	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
144	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
148	0	100.00	0	100.00	0	100.00	90	10.00	0	0.	0	0.
153	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
157	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
162	0	100.00	0	100.00	93	60.00	91	20.00	0	0.	0	0.
166	93	60.00	92	40.00	91	0.	90	0.	0	0.	0	0.
171	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
175	91	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
180	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
184	91	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
189	91	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
193	94	70.00	93	50.00	91	10.00	90	0.	0	0.	0	0.
198	0	100.00	0	100.00	94	80.00	92	40.00	0	0.	0	0.
202	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
207	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
211	0	100.00	0	100.00	94	90.00	90	0.	0	0.	0	0.
216	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
220	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
225	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
229	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
234	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
238	95	50.00	94	30.00	93	0.	92	0.	0	0.	0	0.
243	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
247	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
252	92	10.00	92	10.00	91	0.	91	0.	0	0.	0	0.
256	91	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
261	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
265	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
274	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
279	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
283	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
288	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
292	92	10.00	92	0.	92	0.	91	0.	0	0.	0	0.
297	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
301	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
306	0	100.00	91	30.00	90	0.	89	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
310	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
315	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
319	93	50.00	92	30.00	91	10.00	90	0.	0	0.	0	0.
324	92	30.00	91	20.00	90	0.	90	0.	0	0.	0	0.
328	92	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
333	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
337	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
342	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
346	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
351	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
355	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
360	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
AVERAGE SHIELDING		26.00		20.87		15.12		11.00		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		91		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

K5

TABLE 8
SHIELDING OF TARGET AT POSITION E
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
7	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
10	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
14	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
18	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
21	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
25	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
28	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
32	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
36	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
39	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
43	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
46	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
50	92	50.00	91	40.00	90	20.00	90	0.	0	0.	0	0.
54	0	100.00	0	100.00	93	90.00	92	60.00	0	0.	0	0.
57	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
61	0	100.00	0	100.00	0	100.00	90	20.00	0	0.	0	0.
64	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
68	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
72	92	30.00	91	10.00	91	0.	90	0.	0	0.	0	0.
75	91	20.00	91	0.	90	0.	90	0.	0	0.	0	0.
79	91	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
82	90	10.00	90	0.	89	0.	89	0.	0	0.	0	0.
86	90	10.00	89	0.	89	0.	89	0.	0	0.	0	0.
90	90	20.00	89	0.	89	0.	89	0.	0	0.	0	0.
93	90	10.00	89	0.	89	0.	89	0.	0	0.	0	0.
97	90	10.00	90	0.	89	0.	89	0.	0	0.	0	0.
100	91	40.00	90	10.00	90	0.	90	0.	0	0.	0	0.
104	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
108	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
111	92	20.00	91	0.	91	0.	91	0.	0	0.	0	0.
115	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
118	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
122	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.

TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
126	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
129	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
133	0	100.00	0	100.00	93	80.00	90	0.	0	0.	0	0.
136	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
140	93	80.00	93	60.00	91	20.00	90	0.	0	0.	0	0.
144	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
147	0	100.00	91	20.00	90	0.	90	0.	0	0.	0	0.
151	0	100.00	0	100.00	92	50.00	90	0.	0	0.	0	0.
154	0	100.00	94	90.00	91	30.00	90	0.	0	0.	0	0.
158	94	90.00	93	60.00	91	10.00	90	0.	0	0.	0	0.
162	93	70.00	92	50.00	91	10.00	90	0.	0	0.	0	0.
165	93	70.00	92	40.00	91	10.00	90	0.	0	0.	0	0.
169	92	30.00	92	30.00	91	10.00	90	0.	0	0.	0	0.
172	92	40.00	92	30.00	91	10.00	90	0.	0	0.	0	0.
176	92	50.00	92	30.00	91	10.00	90	0.	0	0.	0	0.
180	93	70.00	92	50.00	91	20.00	90	0.	0	0.	0	0.
183	92	50.00	92	30.00	91	10.00	90	0.	0	0.	0	0.
187	92	30.00	92	30.00	91	10.00	90	0.	0	0.	0	0.
190	92	30.00	92	30.00	91	10.00	90	0.	0	0.	0	0.
194	92	50.00	92	30.00	91	10.00	90	0.	0	0.	0	0.
198	92	50.00	92	30.00	91	10.00	90	0.	0	0.	0	0.
201	93	60.00	92	30.00	91	20.00	90	0.	0	0.	0	0.
205	94	90.00	92	50.00	91	10.00	90	0.	0	0.	0	0.
208	0	100.00	0	100.00	92	40.00	90	0.	0	0.	0	0.
212	0	100.00	0	100.00	91	10.00	90	0.	0	0.	0	0.
216	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
219	0	100.00	0	100.00	92	50.00	90	10.00	0	0.	0	0.
223	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
226	0	100.00	0	100.00	91	20.00	90	0.	0	0.	0	0.
230	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
234	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
237	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
241	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
244	94	50.00	93	20.00	92	0.	92	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
248	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
252	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
255	91	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
259	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
262	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
266	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
273	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
277	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
280	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
284	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
288	92	20.00	92	0.	91	0.	91	0.	0	0.	0	0.
291	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
295	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
298	0	100.00	93	80.00	90	0.	90	0.	0	0.	0	0.
302	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	94	90.00	93	70.00	92	50.00	91	20.00	0	0.	0	0.
309	92	40.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
313	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
316	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
320	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
324	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
327	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
331	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
334	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
338	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
342	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
345	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
349	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
352	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
356	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
360	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
AVERAGE SHIELDING		30.20		22.40		11.40		5.10		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		91		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

K5

TABLE 8
SHIELDING OF TARGET AT POSITION E
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
6	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
9	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
12	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
15	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
18	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
21	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
24	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
27	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
30	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
33	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
36	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
39	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
42	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
45	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
48	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
51	91	30.00	90	20.00	90	10.00	90	0.	0	0.	0	0.
54	91	40.00	91	30.00	90	20.00	90	0.	0	0.	0	0.
57	92	60.00	91	50.00	91	30.00	90	20.00	0	0.	0	0.
60	0	100.00	0	100.00	92	80.00	91	60.00	0	0.	0	0.
63	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
66	0	100.00	0	100.00	0	100.00	92	80.00	0	0.	0	0.
69	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
72	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
75	92	30.00	91	20.00	91	0.	90	0.	0	0.	0	0.
78	91	30.00	90	10.00	90	0.	90	0.	0	0.	0	0.
81	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
84	90	20.00	90	10.00	90	0.	89	0.	0	0.	0	0.
87	90	10.00	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	10.00	89	0.	89	0.	89	0.	0	0.	0	0.
93	90	10.00	89	0.	89	0.	89	0.	0	0.	0	0.
96	90	20.00	90	10.00	89	0.	89	0.	0	0.	0	0.
99	91	40.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
102	91	20.00	91	20.00	90	0.	90	0.	0	0.	0	0.

X5

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
105	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
108	94	90.00	92	20.00	91	0.	91	0.	0	0.	0	0.
111	92	20.00	91	10.00	91	0.	91	0.	0	0.	0	0.
114	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
117	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
120	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
123	92	80.00	90	0.	90	0.	90	0.	0	0.	0	0.
126	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
129	0	100.00	0	100.00	92	70.00	91	30.00	0	0.	0	0.
132	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
135	0	100.00	0	100.00	90	20.00	90	0.	0	0.	0	0.
138	0	100.00	0	100.00	91	30.00	90	0.	0	0.	0	0.
141	92	60.00	91	30.00	90	0.	90	0.	0	0.	0	0.
144	92	40.00	91	20.00	90	0.	90	0.	0	0.	0	0.
147	91	30.00	91	10.00	90	0.	90	0.	0	0.	0	0.
150	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
153	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
156	92	50.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
159	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
162	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
165	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
168	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
171	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
174	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
177	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
180	91	30.00	91	20.00	90	0.	90	0.	0	0.	0	0.
183	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
186	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
189	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
192	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
195	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
198	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
201	91	20.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
204	91	30.00	91	20.00	90	0.	90	0.	0	0.	0	0.

TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
207	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
210	91	20.00	91	20.00	90	0.	90	0.	0	0.	0	0.
213	92	50.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
216	92	50.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
219	93	80.00	92	40.00	90	10.00	90	0.	0	0.	0	0.
222	0	100.00	0	100.00	91	30.00	90	0.	0	0.	0	0.
225	0	100.00	93	80.00	90	10.00	90	0.	0	0.	0	0.
228	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
231	0	100.00	0	100.00	0	100.00	92	70.00	0	0.	0	0.
234	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
237	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
240	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
243	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
246	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
249	94	60.00	93	40.00	92	0.	92	0.	0	0.	0	0.
252	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
255	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
258	91	10.00	91	10.00	91	0.	90	0.	0	0.	0	0.
261	91	10.00	91	10.00	90	0.	90	0.	0	0.	0	0.
264	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
267	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
273	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
276	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
279	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
282	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
285	92	30.00	91	0.	91	0.	91	0.	0	0.	0	0.
288	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
291	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
294	0	100.00	0	100.00	92	80.00	90	0.	0	0.	0	0.
297	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
300	92	60.00	92	50.00	91	30.00	90	10.00	0	0.	0	0.
303	91	30.00	91	20.00	90	0.	90	0.	0	0.	0	0.
306	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.

TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
309	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
312	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
315	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
318	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
321	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
324	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
327	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
330	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
333	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
336	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
339	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
342	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
345	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
348	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
351	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
354	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
357	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
360	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
AVERAGE SHIELDING		24.50		17.67		9.00		5.38		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		90		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8
SHIELDING OF TARGET AT POSITION E
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
5	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
7	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
10	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
12	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
15	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
18	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
20	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
23	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
25	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
28	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
30	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
33	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
36	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
38	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
41	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
43	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
46	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
48	90	20.00	90	10.00	90	10.00	90	0.	0	0.	0	0.
51	91	30.00	90	20.00	90	10.00	90	0.	0	0.	0	0.
54	91	30.00	90	20.00	90	10.00	90	0.	0	0.	0	0.
56	91	40.00	91	30.00	90	20.00	90	10.00	0	0.	0	0.
59	91	50.00	91	50.00	90	30.00	90	20.00	0	0.	0	0.
61	92	70.00	91	60.00	91	50.00	90	30.00	0	0.	0	0.
64	0	100.00	92	90.00	91	60.00	91	40.00	0	0.	0	0.
66	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
69	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
72	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
74	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
77	92	40.00	91	30.00	91	10.00	90	0.	0	0.	0	0.
79	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
82	91	30.00	90	20.00	90	10.00	90	0.	0	0.	0	0.
84	90	20.00	90	10.00	90	0.	89	0.	0	0.	0	0.
87	90	20.00	90	10.00	89	0.	89	0.	0	0.	0	0.

TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
90	90	20.00	90	10.00	89	0.	89	0.	0	0.	0	0.
92	90	20.00	90	10.00	89	0.	89	0.	0	0.	0	0.
95	90	20.00	90	20.00	90	0.	89	0.	0	0.	0	0.
97	91	40.00	91	30.00	90	20.00	90	10.00	0	0.	0	0.
100	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
102	91	10.00	91	10.00	90	0.	90	0.	0	0.	0	0.
105	92	50.00	91	20.00	91	0.	91	0.	0	0.	0	0.
108	92	20.00	91	10.00	91	0.	91	0.	0	0.	0	0.
110	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
113	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
115	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
118	0	100.00	0	100.00	90	0.	90	0.	0	0.	0	0.
120	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
123	93	90.00	92	70.00	91	30.00	90	0.	0	0.	0	0.
126	0	100.00	90	10.00	90	0.	90	0.	0	0.	0	0.
128	0	100.00	0	100.00	0	100.00	91	30.00	0	0.	0	0.
131	0	100.00	92	90.00	91	30.00	90	0.	0	0.	0	0.
133	0	100.00	0	100.00	92	60.00	90	20.00	0	0.	0	0.
136	92	70.00	91	50.00	91	20.00	90	0.	0	0.	0	0.
138	91	30.00	91	20.00	90	0.	90	0.	0	0.	0	0.
141	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
144	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
146	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
149	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
151	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
154	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
156	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
159	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
162	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
164	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
167	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
169	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
172	91	10.00	91	10.00	90	0.	90	0.	0	0.	0	0.
174	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.

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TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
177	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
180	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
182	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
185	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
187	91	10.00	91	10.00	90	0.	90	0.	0	0.	0	0.
190	91	10.00	91	10.00	90	0.	90	0.	0	0.	0	0.
192	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
195	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
198	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
200	91	10.00	91	10.00	90	0.	90	0.	0	0.	0	0.
203	91	10.00	91	10.00	90	0.	90	0.	0	0.	0	0.
205	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
208	91	10.00	91	10.00	90	0.	90	0.	0	0.	0	0.
210	91	10.00	91	10.00	90	0.	90	0.	0	0.	0	0.
213	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
216	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
218	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
221	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
223	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
226	92	70.00	91	40.00	90	10.00	90	0.	0	0.	0	0.
228	92	70.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
231	0	100.00	92	60.00	90	10.00	90	0.	0	0.	0	0.
234	91	30.00	90	10.00	90	0.	90	0.	0	0.	0	0.
236	0	100.00	0	100.00	92	90.00	91	50.00	0	0.	0	0.
239	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
241	92	90.00	90	0.	90	0.	90	0.	0	0.	0	0.
244	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
246	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
249	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
252	93	50.00	92	30.00	91	0.	91	0.	0	0.	0	0.
254	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
257	91	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
259	91	10.00	91	10.00	91	0.	90	0.	0	0.	0	0.
262	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.

TABLE 8 (CON,)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
264	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
267	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
272	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
275	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
277	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
280	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
282	91	20.00	91	0.	91	0.	91	0.	0	0.	0	0.
285	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
288	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
290	0	100.00	0	100.00	0	100.00	90	30.00	0	0.	0	0.
293	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
295	91	50.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
298	91	20.00	90	20.00	90	0.	90	0.	0	0.	0	0.
300	90	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
303	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
306	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
308	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
311	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
313	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
316	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
318	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
321	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
324	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
326	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
329	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
331	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
334	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
336	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
339	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
342	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
344	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
347	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
349	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.

TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
352	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
354	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
357	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
360	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
AVERAGE SHIELDING		22.14		15.79		8.86		5.29		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		90		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

V5

TABLE 8
SHIELDING OF TARGET AT POSITION E
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
4	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
6	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
9	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
11	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
13	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
15	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
18	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
20	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
22	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
24	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
27	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
29	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
31	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
33	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
36	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
38	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
40	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
42	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
45	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
47	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
49	90	20.00	90	20.00	90	10.00	90	10.00	0	0.	0	0.
51	90	20.00	90	20.00	90	10.00	90	10.00	0	0.	0	0.
54	90	20.00	90	20.00	90	10.00	90	0.	0	0.	0	0.
56	91	30.00	91	30.00	90	20.00	90	10.00	0	0.	0	0.
58	91	40.00	91	40.00	90	30.00	90	20.00	0	0.	0	0.
60	91	50.00	91	50.00	91	40.00	90	30.00	0	0.	0	0.
63	91	50.00	91	40.00	90	30.00	90	20.00	0	0.	0	0.
65	91	60.00	91	50.00	91	40.00	90	20.00	0	0.	0	0.
67	0	100.00	0	100.00	92	80.00	91	60.00	0	0.	0	0.
69	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
72	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
74	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
76	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.

TABLE X5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
78	91	30.00	91	30.00	91	20.00	90	10.00	0	0.	0	0.
81	91	30.00	91	30.00	90	20.00	90	10.00	0	0.	0	0.
83	91	30.00	90	20.00	90	10.00	90	10.00	0	0.	0	0.
85	90	20.00	90	20.00	90	10.00	89	0.	0	0.	0	0.
87	90	20.00	90	10.00	89	0.	89	0.	0	0.	0	0.
90	90	20.00	90	10.00	89	0.	89	0.	0	0.	0	0.
92	90	20.00	90	10.00	89	0.	89	0.	0	0.	0	0.
94	90	20.00	90	20.00	90	10.00	89	0.	0	0.	0	0.
96	91	40.00	91	30.00	90	20.00	90	10.00	0	0.	0	0.
99	91	30.00	91	30.00	91	20.00	90	10.00	0	0.	0	0.
101	91	20.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
103	92	40.00	91	20.00	91	10.00	91	0.	0	0.	0	0.
105	91	20.00	91	10.00	91	0.	91	0.	0	0.	0	0.
108	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
110	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
112	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
114	0	100.00	0	100.00	91	60.00	90	0.	0	0.	0	0.
117	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
119	91	40.00	90	20.00	90	0.	90	0.	0	0.	0	0.
121	0	100.00	0	100.00	90	10.00	90	0.	0	0.	0	0.
123	0	100.00	0	100.00	0	100.00	91	50.00	0	0.	0	0.
126	0	100.00	92	90.00	91	40.00	90	0.	0	0.	0	0.
128	92	90.00	92	70.00	91	40.00	90	10.00	0	0.	0	0.
130	92	70.00	92	60.00	91	30.00	90	0.	0	0.	0	0.
132	92	50.00	91	40.00	90	20.00	90	0.	0	0.	0	0.
135	91	50.00	91	40.00	90	20.00	90	0.	0	0.	0	0.
137	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
139	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
141	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
144	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
146	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
148	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
150	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
153	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
155	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
157	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
159	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
162	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
164	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
166	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
168	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
171	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
173	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
175	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
177	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
180	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
182	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
184	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
186	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
189	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
191	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
193	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
195	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
198	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
200	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
202	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
204	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
207	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
209	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
211	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
213	91	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
216	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
218	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
220	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
222	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
225	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
227	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
229	91	20.00	91	20.00	90	0.	90	0.	0	0.	0	0.

K5

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
231	91	30.00	91	20.00	90	0.	90	0.	0	0.	0	0.
234	91	50.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
236	0	100.00	91	40.00	90	20.00	90	0.	0	0.	0	0.
238	90	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
240	0	100.00	92	80.00	91	40.00	90	0.	0	0.	0	0.
243	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
245	91	40.00	90	0.	90	0.	90	0.	0	0.	0	0.
247	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
249	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
252	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
254	92	40.00	92	20.00	91	0.	91	0.	0	0.	0	0.
256	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
258	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
261	91	10.00	91	10.00	90	0.	90	0.	0	0.	0	0.
263	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
265	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
267	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
272	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
274	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
276	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
279	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
281	91	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
283	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
285	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
288	0	100.00	0	100.00	0	100.00	91	40.00	0	0.	0	0.
290	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
292	91	50.00	91	40.00	90	20.00	90	0.	0	0.	0	0.
294	90	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
297	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
299	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
301	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
303	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
306	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.

#25

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
308	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
310	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
312	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
315	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
317	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
319	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
321	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
324	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
326	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
328	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
330	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
333	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
335	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
337	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
339	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
342	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
344	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
346	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
348	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
351	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
353	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
355	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
357	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
360	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
AVERAGE SHIELDING		17.94		14.00		8.81		5.19		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 3

SHIELDING OF TARGET AT POSITION A

RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
18	105	50.00	104	40.00	101	30.00	98	20.00	0	0.	0	0.
36	100	30.00	97	20.00	94	0.	93	0.	0	0.	0	0.
54	93	0.	92	0.	91	0.	89	0.	0	0.	0	0.
72	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
90	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
108	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
126	92	0.	91	0.	90	0.	88	0.	0	0.	0	0.
144	101	40.00	97	20.00	94	10.00	93	0.	0	0.	0	0.
162	105	50.00	104	40.00	101	30.00	98	20.00	0	0.	0	0.
180	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
198	106	50.00	104	40.00	101	30.00	96	10.00	0	0.	0	0.
216	101	40.00	97	20.00	94	10.00	93	0.	0	0.	0	0.
234	92	0.	92	0.	90	0.	89	0.	0	0.	0	0.
252	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
270	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
288	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
306	93	0.	92	0.	91	0.	89	0.	0	0.	0	0.
324	101	40.00	97	20.00	94	10.00	93	0.	0	0.	0	0.
342	105	50.00	104	40.00	101	30.00	98	20.00	0	0.	0	0.
360	111	70.00	108	60.00	105	50.00	102	40.00	0	0.	0	0.
AVERAGE SHIELDING		21.00		15.00		10.00		5.50		0.		0.
AVERAGE TARGET CONTACT ANGLE		97		95		93		91		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE NO 4

TABLE 8 46

SHIELDING OF TARGET AT POSITION A
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
9	104	40.00	104	40.00	103	40.00	101	30.00	0	0.	0	0.
18	104	40.00	103	40.00	102	30.00	101	30.00	0	0.	0	0.
27	104	40.00	103	40.00	102	30.00	101	30.00	0	0.	0	0.
36	104	50.00	104	50.00	102	40.00	101	30.00	0	0.	0	0.
45	104	60.00	103	50.00	101	40.00	100	30.00	0	0.	0	0.
54	102	60.00	100	50.00	99	40.00	97	30.00	0	0.	0	0.
63	99	70.00	97	40.00	94	20.00	93	10.00	0	0.	0	0.
72	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
81	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
99	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
108	91	10.00	91	0.	90	0.	89	0.	0	0.	0	0.
117	98	60.00	97	50.00	95	30.00	92	10.00	0	0.	0	0.
126	101	60.00	100	50.00	99	40.00	98	40.00	0	0.	0	0.
135	103	60.00	102	50.00	101	40.00	100	40.00	0	0.	0	0.
144	104	50.00	103	50.00	102	40.00	101	40.00	0	0.	0	0.
153	103	40.00	103	40.00	101	30.00	101	30.00	0	0.	0	0.
162	103	40.00	103	40.00	102	30.00	101	30.00	0	0.	0	0.
171	104	40.00	103	40.00	102	30.00	101	30.00	0	0.	0	0.
180	104	40.00	103	40.00	102	30.00	101	30.00	0	0.	0	0.
189	104	40.00	103	40.00	102	30.00	101	30.00	0	0.	0	0.
198	103	40.00	102	30.00	101	30.00	101	30.00	0	0.	0	0.
207	103	40.00	103	40.00	101	30.00	101	30.00	0	0.	0	0.
216	104	50.00	103	50.00	102	40.00	100	30.00	0	0.	0	0.
225	102	50.00	102	50.00	100	40.00	99	30.00	0	0.	0	0.
234	101	60.00	100	50.00	99	40.00	97	30.00	0	0.	0	0.
243	99	70.00	97	50.00	95	30.00	93	10.00	0	0.	0	0.
252	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
261	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
279	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
288	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
297	98	60.00	95	30.00	93	10.00	92	0.	0	0.	0	0.
306	100	50.00	99	40.00	98	30.00	96	20.00	0	0.	0	0.

TABLE 46 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
315	102	50.00	101	40.00	100	40.00	99	30.00	0	0.	0	0.
324	102	40.00	102	40.00	101	40.00	100	30.00	0	0.	0	0.
333	103	40.00	103	40.00	101	30.00	101	30.00	0	0.	0	0.
342	104	40.00	103	40.00	102	30.00	101	30.00	0	0.	0	0.
351	104	40.00	103	40.00	103	40.00	101	30.00	0	0.	0	0.
360	104	40.00	104	40.00	103	40.00	102	40.00	0	0.	0	0.
AVERAGE SHIELDING		36.75		32.25		25.25		21.00		0.		0.
AVERAGE TARGET CONTACT ANGLE		100		99		98		96		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 46

SHIELDING OF TARGET AT POSITION A

RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
6	96	10.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
12	96	10.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
18	96	10.00	96	10.00	96	10.00	95	10.00	0	0.	0	0.
24	97	10.00	96	10.00	96	10.00	95	10.00	0	0.	0	0.
30	98	20.00	98	20.00	97	10.00	96	10.00	0	0.	0	0.
36	98	20.00	98	20.00	98	20.00	96	10.00	0	0.	0	0.
42	99	30.00	99	30.00	98	20.00	97	20.00	0	0.	0	0.
48	99	30.00	98	30.00	97	20.00	97	20.00	0	0.	0	0.
54	99	40.00	98	30.00	98	30.00	97	30.00	0	0.	0	0.
60	99	50.00	98	40.00	97	40.00	96	30.00	0	0.	0	0.
66	97	50.00	97	50.00	96	40.00	95	30.00	0	0.	0	0.
72	95	50.00	94	40.00	92	20.00	91	10.00	0	0.	0	0.
78	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
84	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
96	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
102	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
108	96	60.00	95	50.00	93	30.00	92	20.00	0	0.	0	0.
114	98	60.00	97	60.00	96	50.00	95	40.00	0	0.	0	0.
120	99	50.00	98	50.00	97	40.00	97	40.00	0	0.	0	0.
126	99	50.00	99	40.00	98	40.00	97	30.00	0	0.	0	0.
132	99	40.00	98	30.00	98	30.00	97	20.00	0	0.	0	0.
138	99	30.00	98	30.00	98	30.00	98	30.00	0	0.	0	0.
144	98	20.00	98	20.00	97	20.00	97	20.00	0	0.	0	0.
150	98	20.00	98	20.00	97	20.00	97	20.00	0	0.	0	0.
156	98	20.00	98	20.00	97	20.00	96	10.00	0	0.	0	0.
162	98	20.00	98	20.00	97	10.00	96	10.00	0	0.	0	0.
168	98	20.00	98	20.00	97	20.00	96	10.00	0	0.	0	0.
174	98	20.00	98	20.00	97	20.00	96	10.00	0	0.	0	0.
180	98	20.00	98	20.00	97	10.00	96	10.00	0	0.	0	0.
186	98	20.00	98	20.00	97	10.00	96	10.00	0	0.	0	0.
192	98	20.00	98	20.00	97	10.00	96	10.00	0	0.	0	0.
198	98	20.00	97	10.00	97	10.00	96	10.00	0	0.	0	0.
204	98	20.00	98	20.00	97	10.00	96	10.00	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
210	98	20.00	98	20.00	97	20.00	96	10.00	0	0.	0	0.
216	98	20.00	98	20.00	97	20.00	97	20.00	0	0.	0	0.
222	99	30.00	98	30.00	98	30.00	97	20.00	0	0.	0	0.
228	98	30.00	98	30.00	98	30.00	97	20.00	0	0.	0	0.
234	99	40.00	98	40.00	97	30.00	97	30.00	0	0.	0	0.
240	99	50.00	98	50.00	97	40.00	97	40.00	0	0.	0	0.
246	95	60.00	97	50.00	96	40.00	95	30.00	0	0.	0	0.
252	96	70.00	95	50.00	93	30.00	92	20.00	0	0.	0	0.
258	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
264	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
276	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
282	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
288	96	60.00	95	50.00	93	30.00	91	10.00	0	0.	0	0.
294	97	50.00	96	40.00	95	30.00	94	20.00	0	0.	0	0.
300	98	50.00	98	40.00	97	30.00	96	30.00	0	0.	0	0.
306	99	40.00	98	30.00	98	30.00	97	30.00	0	0.	0	0.
312	99	30.00	98	30.00	97	20.00	97	20.00	0	0.	0	0.
318	99	30.00	98	30.00	97	20.00	97	20.00	0	0.	0	0.
324	98	20.00	98	20.00	97	20.00	97	20.00	0	0.	0	0.
330	98	20.00	98	20.00	97	20.00	96	10.00	0	0.	0	0.
336	97	10.00	96	10.00	96	10.00	95	10.00	0	0.	0	0.
342	96	10.00	96	10.00	96	10.00	95	10.00	0	0.	0	0.
348	96	10.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
354	97	20.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
360	97	20.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
AVERAGE SHIELDING		25.67		22.83		18.50		15.17		0.		0.
AVERAGE TARGET CONTACT ANGLE		96		96		95		95		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 46

SHIELDING OF TARGET AT POSITION A
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
4	94	10.00	94	0.	93	0.	93	0.	0	0.	0	0.
9	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
13	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
18	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
22	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
27	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
31	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
36	94	10.00	94	0.	94	0.	93	0.	0	0.	0	0.
40	94	10.00	94	10.00	94	10.00	94	0.	0	0.	0	0.
45	95	10.00	95	10.00	94	10.00	94	10.00	0	0.	0	0.
49	95	10.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
54	96	20.00	96	20.00	95	10.00	94	10.00	0	0.	0	0.
58	96	20.00	95	20.00	95	20.00	95	20.00	0	0.	0	0.
63	96	30.00	96	30.00	95	20.00	94	20.00	0	0.	0	0.
67	96	40.00	96	40.00	95	30.00	94	30.00	0	0.	0	0.
72	95	50.00	94	40.00	93	30.00	93	20.00	0	0.	0	0.
76	95	80.00	93	50.00	92	20.00	91	10.00	0	0.	0	0.
81	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
85	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
94	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
99	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
103	95	70.00	94	50.00	92	30.00	92	20.00	0	0.	0	0.
108	96	60.00	95	50.00	94	40.00	94	30.00	0	0.	0	0.
112	97	50.00	96	50.00	96	40.00	95	40.00	0	0.	0	0.
117	97	50.00	97	40.00	96	40.00	96	40.00	0	0.	0	0.
121	97	40.00	97	40.00	96	30.00	96	30.00	0	0.	0	0.
126	97	30.00	96	30.00	96	30.00	95	20.00	0	0.	0	0.
130	96	20.00	96	20.00	96	20.00	95	20.00	0	0.	0	0.
135	96	20.00	96	20.00	96	20.00	95	10.00	0	0.	0	0.
139	96	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
144	96	10.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
148	96	10.00	96	10.00	96	10.00	95	10.00	0	0.	0	0.
153	97	10.00	96	10.00	96	10.00	96	10.00	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
157	97	20.00	97	10.00	96	10.00	96	10.00	0	0.	0	0.
162	98	20.00	97	10.00	97	10.00	96	10.00	0	0.	0	0.
166	98	20.00	97	20.00	97	10.00	96	10.00	0	0.	0	0.
171	98	30.00	98	20.00	97	20.00	97	10.00	0	0.	0	0.
175	98	30.00	98	20.00	97	20.00	97	10.00	0	0.	0	0.
180	98	30.00	98	20.00	97	20.00	97	10.00	0	0.	0	0.
184	99	40.00	98	20.00	97	10.00	96	10.00	0	0.	0	0.
189	99	50.00	98	20.00	97	10.00	96	10.00	0	0.	0	0.
193	98	30.00	97	10.00	96	10.00	96	10.00	0	0.	0	0.
198	97	30.00	96	10.00	96	10.00	96	10.00	0	0.	0	0.
202	96	10.00	96	10.00	96	10.00	95	10.00	0	0.	0	0.
207	96	10.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
211	95	10.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
216	95	10.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
220	95	10.00	95	10.00	94	10.00	94	10.00	0	0.	0	0.
225	95	10.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
229	96	20.00	96	20.00	95	10.00	94	10.00	0	0.	0	0.
234	96	20.00	96	20.00	95	20.00	95	20.00	0	0.	0	0.
238	96	30.00	96	30.00	96	30.00	95	20.00	0	0.	0	0.
243	96	40.00	96	40.00	95	30.00	95	30.00	0	0.	0	0.
247	96	50.00	96	50.00	95	40.00	95	30.00	0	0.	0	0.
252	96	60.00	95	50.00	94	40.00	93	30.00	0	0.	0	0.
256	95	80.00	94	50.00	93	40.00	92	20.00	0	0.	0	0.
261	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
265	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
274	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
279	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
283	94	70.00	93	50.00	92	30.00	91	20.00	0	0.	0	0.
288	95	50.00	95	50.00	94	40.00	93	30.00	0	0.	0	0.
292	96	50.00	96	40.00	95	40.00	95	30.00	0	0.	0	0.
297	97	40.00	96	30.00	96	30.00	95	20.00	0	0.	0	0.
301	96	30.00	96	30.00	95	20.00	95	20.00	0	0.	0	0.
306	96	20.00	96	20.00	95	20.00	95	10.00	0	0.	0	0.

TABLE 46 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
310	95	10.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
315	95	10.00	95	10.00	94	10.00	94	10.00	0	0.	0	0.
319	94	10.00	94	10.00	94	10.00	94	0.	0	0.	0	0.
324	94	10.00	94	10.00	94	0.	93	0.	0	0.	0	0.
328	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
333	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
337	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
342	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
346	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
351	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
355	94	10.00	94	0.	93	0.	93	0.	0	0.	0	0.
360	94	10.00	94	0.	93	0.	93	0.	0	0.	0	0.
AVERAGE SHIELDING		20.62		16.37		13.25		10.62		0.		0.
AVERAGE TARGET CONTACT ANGLE		95		95		94		94		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE #6

SHIELDING OF TARGET AT POSITION A

RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
7	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
10	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
14	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
18	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
21	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
25	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
28	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
32	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
36	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
39	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
43	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
46	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
50	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
54	93	10.00	93	10.00	93	0.	93	0.	0	0.	0	0.
57	94	10.00	94	10.00	93	10.00	93	10.00	0	0.	0	0.
61	94	10.00	94	10.00	93	10.00	93	10.00	0	0.	0	0.
64	94	20.00	94	20.00	94	20.00	93	10.00	0	0.	0	0.
68	94	30.00	94	30.00	94	30.00	93	20.00	0	0.	0	0.
72	94	40.00	94	40.00	93	30.00	93	30.00	0	0.	0	0.
75	94	60.00	94	50.00	93	40.00	92	30.00	0	0.	0	0.
79	94	90.00	93	60.00	92	30.00	91	20.00	0	0.	0	0.
82	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
86	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
93	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
97	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
100	94	70.00	93	50.00	92	30.00	91	20.00	0	0.	0	0.
104	95	60.00	94	60.00	94	50.00	93	40.00	0	0.	0	0.
108	96	60.00	96	60.00	95	50.00	94	40.00	0	0.	0	0.
111	96	50.00	95	40.00	95	40.00	95	40.00	0	0.	0	0.
115	96	40.00	95	40.00	95	30.00	95	30.00	0	0.	0	0.
118	95	30.00	95	30.00	95	20.00	94	20.00	0	0.	0	0.
122	95	20.00	95	20.00	95	20.00	94	20.00	0	0.	0	0.

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
126	95	20.00	95	20.00	94	10.00	94	10.00	0	0.	0	0.
129	94	10.00	94	10.00	94	10.00	93	10.00	0	0.	0	0.
133	94	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
136	95	10.00	95	10.00	94	10.00	94	10.00	0	0.	0	0.
140	95	10.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
144	98	70.00	96	20.00	96	10.00	95	10.00	0	0.	0	0.
147	98	60.00	97	30.00	96	10.00	96	10.00	0	0.	0	0.
151	0	100.00	99	80.00	97	30.00	96	10.00	0	0.	0	0.
154	0	100.00	0	100.00	99	50.00	98	30.00	0	0.	0	0.
158	0	100.00	0	100.00	100	70.00	98	30.00	0	0.	0	0.
162	0	100.00	0	100.00	0	100.00	100	70.00	0	0.	0	0.
165	0	100.00	0	100.00	0	100.00	100	70.00	0	0.	0	0.
169	0	100.00	0	100.00	0	100.00	101	90.00	0	0.	0	0.
172	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
176	0	100.00	0	100.00	0	100.00	101	90.00	0	0.	0	0.
180	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
183	0	100.00	0	100.00	0	100.00	101	90.00	0	0.	0	0.
187	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
190	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
194	0	100.00	0	100.00	0	100.00	100	90.00	0	0.	0	0.
198	0	100.00	0	100.00	0	100.00	100	90.00	0	0.	0	0.
201	0	100.00	0	100.00	0	100.00	99	70.00	0	0.	0	0.
205	0	100.00	0	100.00	0	100.00	98	50.00	0	0.	0	0.
208	0	100.00	0	100.00	99	90.00	97	40.00	0	0.	0	0.
212	0	100.00	0	100.00	97	50.00	95	10.00	0	0.	0	0.
216	98	80.00	96	40.00	95	10.00	95	10.00	0	0.	0	0.
219	95	20.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
223	94	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
226	94	10.00	94	10.00	94	10.00	93	10.00	0	0.	0	0.
230	94	10.00	94	10.00	94	10.00	93	10.00	0	0.	0	0.
234	94	10.00	94	10.00	93	10.00	93	10.00	0	0.	0	0.
237	94	20.00	94	20.00	94	10.00	93	10.00	0	0.	0	0.
241	95	20.00	94	20.00	94	20.00	94	20.00	0	0.	0	0.
244	95	30.00	95	30.00	95	30.00	94	20.00	0	0.	0	0.

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
248	95	40.00	95	40.00	94	30.00	94	30.00	0	0.	0	0.
252	95	50.00	95	50.00	94	40.00	94	40.00	0	0.	0	0.
255	94	60.00	94	50.00	93	40.00	93	40.00	0	0.	0	0.
259	93	50.00	92	40.00	91	30.00	90	10.00	0	0.	0	0.
262	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
266	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
273	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
277	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
280	93	60.00	93	50.00	92	30.00	91	20.00	0	0.	0	0.
284	94	60.00	94	50.00	93	40.00	93	40.00	0	0.	0	0.
288	95	50.00	95	50.00	94	40.00	94	40.00	0	0.	0	0.
291	95	40.00	95	30.00	94	30.00	94	30.00	0	0.	0	0.
295	95	30.00	95	30.00	94	20.00	94	20.00	0	0.	0	0.
298	95	20.00	94	20.00	94	10.00	93	10.00	0	0.	0	0.
302	94	10.00	94	10.00	94	10.00	93	10.00	0	0.	0	0.
306	94	10.00	93	10.00	93	10.00	93	0.	0	0.	0	0.
309	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
313	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
316	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
320	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
324	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
327	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
331	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
334	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
338	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
342	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
345	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
349	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
352	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
356	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
360	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
AVERAGE SHIELDING		32.80		30.10		25.20		20.40		0.		0.
AVERAGE TARGET CONTACT ANGLE		94		93		93		93		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

K6

TABLE 8

SHIELDING OF TARGET AT POSITION A
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
6	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
9	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
12	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
15	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
18	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
21	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
24	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
27	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
30	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
33	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
36	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
39	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
42	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
45	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
48	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
51	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
54	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
57	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
60	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
63	93	10.00	93	10.00	93	10.00	92	0.	0	0.	0	0.
66	93	20.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
69	93	20.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
72	94	30.00	94	30.00	93	30.00	93	20.00	0	0.	0	0.
75	94	50.00	94	50.00	93	40.00	93	30.00	0	0.	0	0.
78	94	70.00	93	60.00	93	50.00	92	30.00	0	0.	0	0.
81	93	90.00	93	70.00	91	30.00	91	20.00	0	0.	0	0.
84	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
87	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
93	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
96	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
99	93	70.00	93	60.00	92	40.00	91	20.00	0	0.	0	0.
102	94	60.00	94	60.00	93	40.00	93	40.00	0	0.	0	0.

KL

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
105	95	80.00	95	60.00	94	50.00	94	40.00	0	0.	0	0.
108	95	40.00	94	40.00	94	40.00	94	30.00	0	0.	0	0.
111	95	40.00	94	30.00	94	30.00	94	30.00	0	0.	0	0.
114	94	30.00	94	30.00	94	20.00	93	20.00	0	0.	0	0.
117	94	20.00	94	20.00	94	20.00	93	20.00	0	0.	0	0.
120	94	20.00	94	20.00	93	10.00	93	10.00	0	0.	0	0.
123	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
126	94	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
129	94	10.00	94	10.00	93	10.00	93	10.00	0	0.	0	0.
132	96	60.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
135	0	100.00	0	100.00	97	90.00	95	10.00	0	0.	0	0.
138	0	100.00	0	100.00	0	100.00	97	80.00	0	0.	0	0.
141	0	100.00	0	100.00	0	100.00	98	90.00	0	0.	0	0.
144	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
147	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
150	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
153	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
156	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
159	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
162	0	100.00	0	100.00	0	100.00	101	90.00	0	0.	0	0.
165	0	100.00	0	100.00	101	90.00	100	80.00	0	0.	0	0.
168	0	100.00	0	100.00	101	80.00	100	70.00	0	0.	0	0.
171	0	100.00	0	100.00	101	80.00	100	60.00	0	0.	0	0.
174	0	100.00	101	90.00	100	70.00	100	60.00	0	0.	0	0.
177	0	100.00	101	90.00	100	70.00	100	60.00	0	0.	0	0.
180	0	100.00	101	90.00	100	70.00	100	60.00	0	0.	0	0.
183	0	100.00	101	90.00	101	80.00	100	60.00	0	0.	0	0.
186	0	100.00	0	100.00	101	80.00	100	70.00	0	0.	0	0.
189	0	100.00	0	100.00	101	90.00	100	70.00	0	0.	0	0.
192	0	100.00	0	100.00	0	100.00	100	80.00	0	0.	0	0.
195	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
198	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
201	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
204	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
207	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
210	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
213	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
216	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
219	0	100.00	0	100.00	0	100.00	98	90.00	0	0.	0	0.
222	0	100.00	0	100.00	97	80.00	96	40.00	0	0.	0	0.
225	0	100.00	0	100.00	96	40.00	94	10.00	0	0.	0	0.
228	0	100.00	96	60.00	94	10.00	94	10.00	0	0.	0	0.
231	94	20.00	94	10.00	94	10.00	93	10.00	0	0.	0	0.
234	94	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
237	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
240	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
243	94	20.00	94	20.00	93	10.00	93	10.00	0	0.	0	0.
246	94	20.00	94	20.00	93	20.00	93	20.00	0	0.	0	0.
249	94	30.00	94	30.00	94	30.00	93	20.00	0	0.	0	0.
252	94	40.00	94	40.00	94	30.00	93	30.00	0	0.	0	0.
255	95	60.00	94	50.00	94	50.00	93	40.00	0	0.	0	0.
258	94	90.00	93	50.00	93	40.00	92	40.00	0	0.	0	0.
261	91	30.00	91	20.00	90	0.	90	0.	0	0.	0	0.
264	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
267	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
273	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
276	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
279	92	50.00	92	40.00	91	30.00	90	10.00	0	0.	0	0.
282	93	50.00	93	50.00	92	40.00	92	30.00	0	0.	0	0.
285	95	70.00	94	50.00	93	40.00	93	40.00	0	0.	0	0.
288	94	40.00	94	40.00	94	30.00	93	30.00	0	0.	0	0.
291	94	30.00	94	30.00	93	20.00	93	20.00	0	0.	0	0.
294	94	20.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
297	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
300	93	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
303	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
306	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.

TABLE 46 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
309	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
312	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
315	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
318	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
321	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
324	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
327	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
330	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
333	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
336	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
339	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
342	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
345	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
348	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
351	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
354	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
357	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
360	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
AVERAGE SHIELDING		38.00		35.33		30.92		26.83		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		93		93		93		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 6

SHIELDING OF TARGET AT POSITION A
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
5	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
7	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
10	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
12	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
15	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
18	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
20	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
23	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
25	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
28	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
30	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
33	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
36	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
38	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
41	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
43	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
46	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
48	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
51	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
54	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
56	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
59	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
61	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
64	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
66	93	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
69	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
72	93	30.00	93	20.00	93	20.00	92	20.00	0	0.	0	0.
74	93	40.00	93	40.00	93	40.00	93	30.00	0	0.	0	0.
77	93	50.00	93	50.00	93	40.00	92	30.00	0	0.	0	0.
79	94	80.00	93	70.00	93	60.00	92	40.00	0	0.	0	0.
82	0	100.00	92	70.00	91	40.00	91	20.00	0	0.	0	0.
84	91	30.00	90	0.	90	0.	90	0.	0	0.	0	0.
87	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.

TABLE 8 K6 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
90	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
92	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
95	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
97	92	60.00	92	50.00	91	40.00	91	20.00	0	0.	0	0.
100	94	70.00	93	60.00	93	50.00	92	40.00	0	0.	0	0.
102	94	50.00	94	50.00	93	40.00	93	40.00	0	0.	0	0.
105	94	40.00	94	40.00	93	40.00	93	30.00	0	0.	0	0.
108	94	30.00	94	30.00	93	30.00	93	30.00	0	0.	0	0.
110	94	30.00	94	30.00	93	20.00	93	20.00	0	0.	0	0.
113	93	20.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
115	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
118	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
120	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
123	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
126	0	100.00	0	100.00	94	20.00	94	10.00	0	0.	0	0.
128	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
131	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
133	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
136	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
138	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
141	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
144	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
146	0	100.00	0	100.00	0	100.00	99	90.00	0	0.	0	0.
149	0	100.00	0	100.00	99	80.00	99	70.00	0	0.	0	0.
151	100	90.00	99	80.00	99	60.00	98	50.00	0	0.	0	0.
154	99	70.00	99	60.00	98	50.00	98	40.00	0	0.	0	0.
156	99	60.00	99	50.00	98	40.00	98	30.00	0	0.	0	0.
159	98	40.00	98	40.00	98	30.00	97	20.00	0	0.	0	0.
162	98	40.00	98	30.00	98	20.00	97	20.00	0	0.	0	0.
164	98	30.00	98	20.00	98	20.00	97	20.00	0	0.	0	0.
167	98	20.00	98	20.00	98	20.00	97	20.00	0	0.	0	0.
169	98	20.00	98	20.00	98	20.00	97	20.00	0	0.	0	0.
172	98	20.00	98	20.00	97	20.00	97	20.00	0	0.	0	0.
174	98	20.00	98	20.00	97	20.00	97	10.00	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
177	98	20.00	98	20.00	97	20.00	97	10.00	0	0.	0	0.
180	98	20.00	98	20.00	97	10.00	97	10.00	0	0.	0	0.
182	98	20.00	98	20.00	97	10.00	97	10.00	0	0.	0	0.
185	98	20.00	98	20.00	97	20.00	97	10.00	0	0.	0	0.
187	98	20.00	98	20.00	97	20.00	97	10.00	0	0.	0	0.
190	98	20.00	98	20.00	97	20.00	97	10.00	0	0.	0	0.
192	98	30.00	98	30.00	97	20.00	97	10.00	0	0.	0	0.
195	93	40.00	98	40.00	98	30.00	97	20.00	0	0.	0	0.
198	99	60.00	98	50.00	98	40.00	98	30.00	0	0.	0	0.
200	99	70.00	99	60.00	98	50.00	98	40.00	0	0.	0	0.
203	100	90.00	99	80.00	99	70.00	98	60.00	0	0.	0	0.
205	0	100.00	0	100.00	99	90.00	99	70.00	0	0.	0	0.
208	0	100.00	0	100.00	0	100.00	99	90.00	0	0.	0	0.
210	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
213	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
216	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
218	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
221	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
223	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
226	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
228	0	100.00	0	100.00	0	100.00	96	80.00	0	0.	0	0.
231	0	100.00	0	100.00	95	60.00	94	30.00	0	0.	0	0.
234	0	100.00	0	100.00	94	30.00	93	10.00	0	0.	0	0.
236	95	70.00	94	30.00	93	10.00	93	10.00	0	0.	0	0.
239	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
241	93	10.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
244	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
246	93	20.00	93	20.00	93	20.00	93	10.00	0	0.	0	0.
249	93	20.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
252	94	30.00	93	30.00	93	30.00	93	20.00	0	0.	0	0.
254	94	50.00	94	40.00	93	40.00	93	40.00	0	0.	0	0.
257	94	70.00	94	50.00	93	50.00	93	40.00	0	0.	0	0.
259	0	100.00	0	100.00	93	80.00	92	50.00	0	0.	0	0.
262	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
264	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
267	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
272	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
275	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
277	92	60.00	92	50.00	91	30.00	90	20.00	0	0.	0	0.
280	93	60.00	93	50.00	92	40.00	92	30.00	0	0.	0	0.
282	94	60.00	93	50.00	93	50.00	93	40.00	0	0.	0	0.
285	94	50.00	93	40.00	93	40.00	93	40.00	0	0.	0	0.
288	93	30.00	93	30.00	93	30.00	93	20.00	0	0.	0	0.
290	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
293	92	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
295	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
298	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
300	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
303	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
306	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
308	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
311	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
313	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
316	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
318	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
321	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
324	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
326	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
329	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
331	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
334	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
336	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
339	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
342	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
344	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
347	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
349	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.

TABLE 46 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
352	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
354	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
357	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
360	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
AVERAGE SHIELDING		31.57		29.43		25.57		22.07		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		93		93		93		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 46

SHIELDING OF TARGET AT POSITION A
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
4	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
6	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
9	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
11	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
13	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
15	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
18	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
20	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
22	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
24	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
27	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
29	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
31	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
33	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
36	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
38	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
40	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
42	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
45	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
47	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
49	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
51	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
54	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
56	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
58	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
60	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
63	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
65	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
67	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
69	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
72	93	20.00	92	20.00	92	20.00	92	10.00	0	0.	0	0.
74	93	30.00	93	30.00	93	30.00	92	30.00	0	0.	0	0.
76	93	40.00	93	40.00	93	30.00	92	30.00	0	0.	0	0.

AD-A040 173 ARMY ENGINEER WATERWAYS EXPERIMENT STATION VICKSBURG MISS F/G 18/6
ANALYTICAL STUDY OF GROUND-SURFACE SHIELDING CHARACTERISTICS OF--ETC(U)
JUN 74 H W WEST, P L DOIRON, J A PARKS

UNCLASSIFIED WES-TR-M-74-4-VOL-2 NL

13 OF 21
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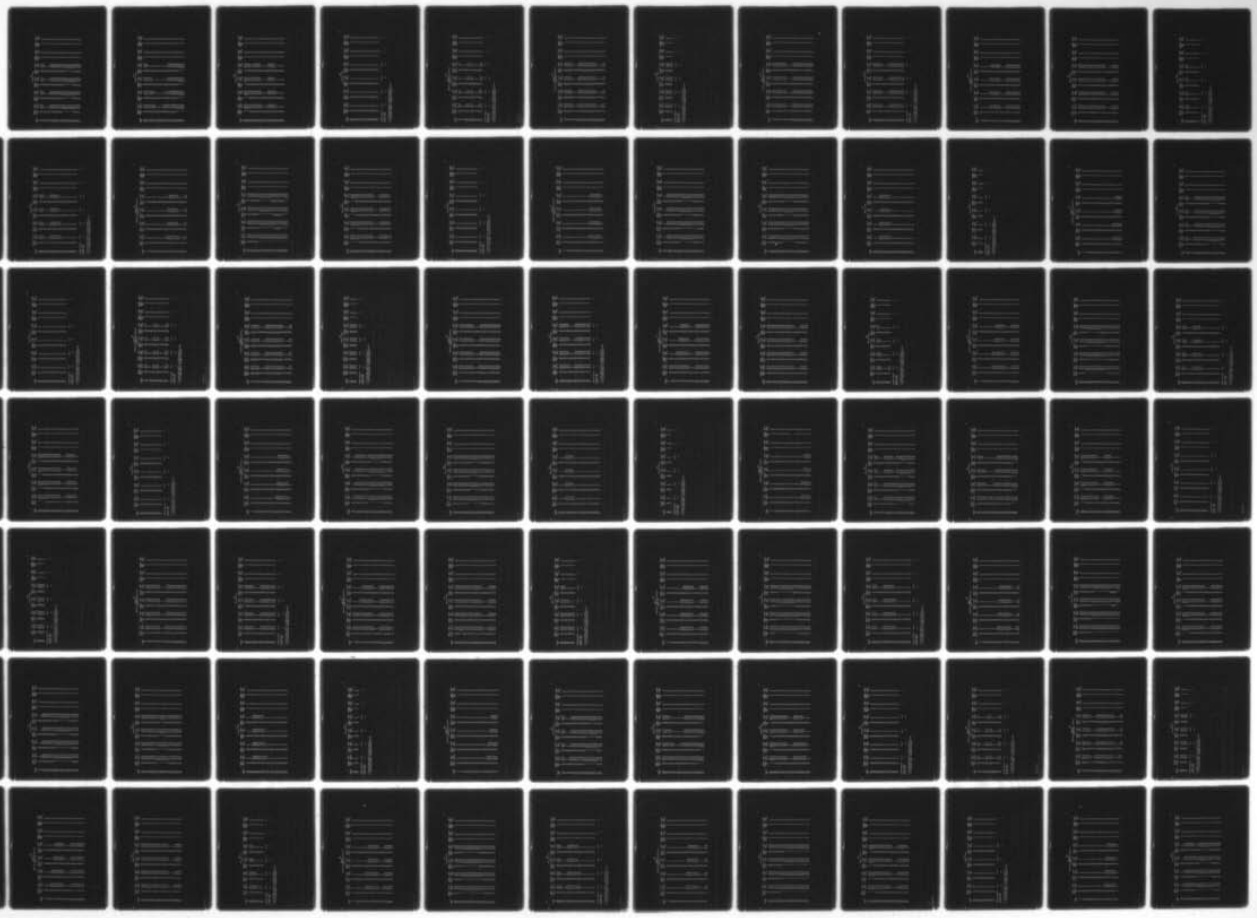

TABLE 46 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
78	94	70.00	93	60.00	93	60.00	93	50.00	0	0.	0	0.
81	93	90.00	93	80.00	92	60.00	92	50.00	0	0.	0	0.
83	0	100.00	92	80.00	91	50.00	91	30.00	0	0.	0	0.
85	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
87	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
92	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
94	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
96	92	70.00	92	60.00	91	40.00	91	20.00	0	0.	0	0.
99	0	100.00	93	70.00	93	60.00	92	50.00	0	0.	0	0.
101	93	60.00	93	50.00	93	40.00	93	40.00	0	0.	0	0.
103	93	40.00	93	40.00	93	40.00	93	30.00	0	0.	0	0.
105	93	40.00	93	40.00	93	30.00	93	30.00	0	0.	0	0.
108	93	30.00	93	30.00	93	20.00	93	20.00	0	0.	0	0.
110	93	20.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
112	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
114	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
117	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
119	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
121	0	100.00	0	100.00	94	30.00	93	10.00	0	0.	0	0.
123	0	100.00	0	100.00	0	100.00	95	90.00	0	0.	0	0.
126	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
128	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
130	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
132	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
135	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
137	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
139	0	100.00	0	100.00	0	100.00	98	90.00	0	0.	0	0.
141	0	100.00	98	90.00	98	80.00	97	60.00	0	0.	0	0.
144	98	70.00	98	60.00	97	50.00	97	40.00	0	0.	0	0.
146	98	50.00	97	40.00	97	30.00	97	20.00	0	0.	0	0.
148	97	30.00	97	30.00	97	20.00	96	10.00	0	0.	0	0.
150	96	10.00	96	10.00	96	10.00	96	10.00	0	0.	0	0.
153	96	10.00	96	10.00	96	10.00	95	10.00	0	0.	0	0.

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
155	96	10.00	96	10.00	95	10.00	95	10.00	8	0.	0	0.
157	96	10.00	95	10.00	95	10.00	95	10.00	8	0.	0	0.
159	95	10.00	95	10.00	95	10.00	95	10.00	8	0.	0	0.
162	95	10.00	95	10.00	95	10.00	95	0.	8	0.	0	0.
164	95	10.00	95	10.00	95	10.00	94	0.	8	0.	0	0.
166	95	10.00	95	10.00	95	10.00	94	0.	8	0.	0	0.
168	95	10.00	95	10.00	94	10.00	94	0.	8	0.	0	0.
171	95	10.00	94	10.00	94	0.	94	0.	8	0.	0	0.
173	95	10.00	94	10.00	94	0.	94	0.	8	0.	0	0.
175	94	10.00	94	0.	94	0.	94	0.	8	0.	0	0.
177	95	0.	94	0.	94	0.	94	0.	8	0.	0	0.
180	94	0.	94	0.	94	0.	94	0.	8	0.	0	0.
182	94	0.	94	0.	94	0.	94	0.	8	0.	0	0.
184	94	0.	94	0.	94	0.	94	0.	8	0.	0	0.
186	94	0.	94	0.	94	0.	94	0.	8	0.	0	0.
189	94	0.	94	0.	94	0.	94	0.	8	0.	0	0.
191	94	10.00	94	0.	94	0.	94	0.	8	0.	0	0.
193	95	10.00	95	0.	94	0.	94	0.	8	0.	0	0.
195	95	10.00	95	10.00	94	0.	94	0.	8	0.	0	0.
198	95	10.00	95	0.	95	0.	94	0.	8	0.	0	0.
200	95	10.00	95	10.00	95	10.00	95	10.00	8	0.	0	0.
202	96	10.00	95	10.00	95	10.00	95	10.00	8	0.	0	0.
204	96	10.00	96	10.00	95	10.00	95	10.00	8	0.	0	0.
207	96	10.00	96	10.00	96	10.00	96	10.00	8	0.	0	0.
209	97	40.00	97	30.00	96	20.00	96	10.00	8	0.	0	0.
211	97	50.00	97	50.00	97	40.00	96	30.00	8	0.	0	0.
213	98	70.00	98	70.00	97	60.00	97	50.00	8	0.	0	0.
216	98	90.00	98	90.00	98	80.00	97	60.00	8	0.	0	0.
218	0	100.00	0	100.00	98	90.00	98	80.00	8	0.	0	0.
220	0	100.00	0	100.00	0	100.00	0	100.00	8	0.	0	0.
222	0	100.00	0	100.00	0	100.00	0	100.00	8	0.	0	0.
225	0	100.00	0	100.00	0	100.00	0	100.00	8	0.	0	0.
227	0	100.00	0	100.00	0	100.00	0	100.00	8	0.	0	0.
229	0	100.00	0	100.00	0	100.00	0	100.00	8	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
231	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
234	0	100.00	0	100.00	0	100.00	96	80.00	0	0.	0	0.
236	0	100.00	0	100.00	95	70.00	94	40.00	0	0.	0	0.
238	0	100.00	0	100.00	94	60.00	93	20.00	0	0.	0	0.
240	0	100.00	94	60.00	93	10.00	93	10.00	0	0.	0	0.
243	94	60.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
245	92	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
247	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
249	93	20.00	93	20.00	93	20.00	92	10.00	0	0.	0	0.
252	93	20.00	93	20.00	93	20.00	92	20.00	0	0.	0	0.
254	93	40.00	93	40.00	93	30.00	93	30.00	0	0.	0	0.
256	93	50.00	93	40.00	93	40.00	92	30.00	0	0.	0	0.
258	94	90.00	93	70.00	93	50.00	93	50.00	0	0.	0	0.
261	0	100.00	0	100.00	0	100.00	92	70.00	0	0.	0	0.
263	91	40.00	90	20.00	90	0.	90	0.	0	0.	0	0.
265	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
267	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
272	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
274	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
276	92	70.00	92	60.00	91	40.00	90	20.00	0	0.	0	0.
279	92	60.00	92	50.00	92	30.00	92	40.00	0	0.	0	0.
281	93	60.00	93	50.00	93	50.00	92	40.00	0	0.	0	0.
283	93	40.00	93	40.00	93	40.00	92	30.00	0	0.	0	0.
285	93	40.00	93	40.00	93	30.00	92	30.00	0	0.	0	0.
288	93	20.00	93	20.00	92	20.00	92	10.00	0	0.	0	0.
290	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
292	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
294	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
297	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
299	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
301	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
303	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
306	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
308	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
310	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
312	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
315	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
317	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
319	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
321	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
324	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
326	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
328	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
330	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
333	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
335	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
337	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
339	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
342	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
344	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
346	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
348	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
351	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
353	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
355	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
357	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
360	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
AVERAGE SHIELDING		26.31		24.19		20.87		17.81		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		93		92		92		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 47

SHIELDING OF TARGET AT POSITION B

RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
18	106	50.00	102	30.00	99	20.00	96	10.00	0	0.	0	0.
36	100	30.00	97	20.00	94	0.	92	0.	0	0.	0	0.
54	92	0.	91	0.	89	0.	88	0.	0	0.	0	0.
72	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
90	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
108	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
126	92	0.	91	0.	89	0.	88	0.	0	0.	0	0.
144	103	50.00	99	30.00	94	10.00	92	0.	0	0.	0	0.
162	106	50.00	103	40.00	100	30.00	97	20.00	0	0.	0	0.
180	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
198	106	50.00	103	40.00	100	30.00	97	20.00	0	0.	0	0.
216	103	50.00	99	30.00	94	10.00	92	0.	0	0.	0	0.
234	92	0.	91	0.	89	0.	88	0.	0	0.	0	0.
252	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
270	90	0.	89	0.	88	0.	87	0.	0	0.	0	0.
288	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
306	92	0.	91	0.	89	0.	88	0.	0	0.	0	0.
324	99	30.00	95	10.00	94	0.	92	0.	0	0.	0	0.
342	106	50.00	102	30.00	99	20.00	96	10.00	0	0.	0	0.
360	109	60.00	105	40.00	102	30.00	99	20.00	0	0.	0	0.
AVERAGE SHIELDING		21.00		13.50		7.50		4.00		0.		0.
AVERAGE TARGET CONTACT ANGLE		97		95		93		91		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE NO 4

TABLE [illegible]

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TABLE 7

SHIELDING OF TARGET AT POSITION B
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
9	104	40.00	103	30.00	102	30.00	101	30.00	0	0.	0	0.
18	103	30.00	103	30.00	102	30.00	100	20.00	0	0.	0	0.
27	104	40.00	103	40.00	102	30.00	101	30.00	0	0.	0	0.
36	104	50.00	104	50.00	102	40.00	101	40.00	0	0.	0	0.
45	103	60.00	102	50.00	101	40.00	100	40.00	0	0.	0	0.
54	101	60.00	100	50.00	99	50.00	98	40.00	0	0.	0	0.
63	98	60.00	97	50.00	94	30.00	92	10.00	0	0.	0	0.
72	91	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
81	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
99	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
108	91	10.00	91	0.	90	0.	89	0.	0	0.	0	0.
117	98	60.00	97	50.00	95	30.00	93	20.00	0	0.	0	0.
126	101	60.00	101	60.00	99	50.00	98	40.00	0	0.	0	0.
135	103	60.00	102	50.00	101	40.00	100	40.00	0	0.	0	0.
144	103	50.00	103	50.00	101	40.00	101	40.00	0	0.	0	0.
153	103	40.00	103	40.00	101	30.00	100	30.00	0	0.	0	0.
162	103	40.00	103	40.00	101	30.00	101	30.00	0	0.	0	0.
171	103	40.00	103	40.00	101	30.00	101	30.00	0	0.	0	0.
180	103	40.00	103	40.00	102	30.00	101	30.00	0	0.	0	0.
189	103	40.00	103	40.00	102	40.00	101	30.00	0	0.	0	0.
198	103	40.00	103	40.00	101	30.00	101	30.00	0	0.	0	0.
207	103	40.00	103	40.00	101	30.00	100	30.00	0	0.	0	0.
216	103	50.00	103	50.00	102	40.00	101	40.00	0	0.	0	0.
225	103	60.00	102	50.00	100	40.00	100	40.00	0	0.	0	0.
234	101	60.00	101	60.00	99	50.00	98	40.00	0	0.	0	0.
243	98	60.00	97	50.00	95	30.00	93	20.00	0	0.	0	0.
252	92	20.00	91	0.	90	0.	89	0.	0	0.	0	0.
261	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
279	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
288	92	20.00	91	0.	90	0.	89	0.	0	0.	0	0.
297	98	60.00	97	50.00	95	30.00	93	20.00	0	0.	0	0.
306	101	60.00	101	60.00	99	50.00	98	40.00	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
315	103	60.00	102	50.00	101	40.00	100	40.00	0	0.	0	0.
324	104	50.00	103	40.00	102	40.00	100	30.00	0	0.	0	0.
333	103	40.00	103	40.00	102	30.00	101	30.00	0	0.	0	0.
342	103	30.00	102	30.00	102	30.00	100	20.00	0	0.	0	0.
351	103	30.00	103	30.00	102	30.00	101	30.00	0	0.	0	0.
360	103	30.00	103	30.00	102	30.00	100	20.00	0	0.	0	0.
AVERAGE SHIELDING		37.50		33.25		26.75		23.25		0.		0.
AVERAGE TARGET CONTACT ANGLE		99		99		98		97		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8 47

SHIELDING OF TARGET AT POSITION B
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
6	9[illegible]	10.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
12	96	10.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
18	96	10.00	96	10.00	96	10.00	95	10.00	0	0.	0	0.
24	97	10.00	96	10.00	96	10.00	95	10.00	0	0.	0	0.
30	98	20.00	97	20.00	96	10.00	96	10.00	0	0.	0	0.
36	98	20.00	98	20.00	97	20.00	96	10.00	0	0.	0	0.
42	95	30.00	98	30.00	97	20.00	97	20.00	0	0.	0	0.
48	95	30.00	98	30.00	97	30.00	96	20.00	0	0.	0	0.
54	98	40.00	98	40.00	98	40.00	97	30.00	0	0.	0	0.
60	98	50.00	98	50.00	98	50.00	96	40.00	0	0.	0	0.
66	97	60.00	96	50.00	95	40.00	94	30.00	0	0.	0	0.
72	96	70.00	94	40.00	93	30.00	91	10.00	0	0.	0	0.
78	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
84	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
96	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
102	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
108	96	60.00	94	40.00	93	30.00	92	20.00	0	0.	0	0.
114	98	60.00	97	60.00	96	50.00	95	40.00	0	0.	0	0.
120	99	60.00	98	50.00	98	50.00	97	40.00	0	0.	0	0.
126	100	50.00	99	50.00	98	40.00	98	40.00	0	0.	0	0.
132	99	40.00	99	40.00	98	30.00	97	30.00	0	0.	0	0.
138	99	30.00	98	30.00	98	30.00	97	30.00	0	0.	0	0.
144	99	30.00	98	20.00	97	20.00	97	20.00	0	0.	0	0.
150	98	20.00	98	20.00	97	20.00	97	20.00	0	0.	0	0.
156	98	20.00	98	20.00	97	20.00	97	20.00	0	0.	0	0.
162	98	20.00	98	20.00	97	20.00	96	10.00	0	0.	0	0.
168	98	20.00	98	20.00	97	20.00	96	10.00	0	0.	0	0.
174	98	20.00	98	20.00	97	20.00	96	10.00	0	0.	0	0.
180	98	20.00	98	20.00	97	20.00	96	10.00	0	0.	0	0.
186	98	20.00	98	20.00	97	20.00	96	10.00	0	0.	0	0.
192	98	20.00	98	20.00	97	20.00	97	20.00	0	0.	0	0.
198	98	20.00	98	20.00	97	20.00	96	10.00	0	0.	0	0.
204	98	20.00	98	20.00	97	20.00	97	20.00	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
210	98	20.00	98	20.00	97	20.00	97	20.00	0	0.	0	0.
216	98	20.00	98	20.00	97	20.00	97	20.00	0	0.	0	0.
222	99	30.00	98	30.00	98	30.00	97	30.00	0	0.	0	0.
228	99	40.00	98	30.00	98	30.00	97	30.00	0	0.	0	0.
234	99	50.00	98	40.00	98	40.00	97	40.00	0	0.	0	0.
240	99	60.00	98	50.00	98	50.00	97	40.00	0	0.	0	0.
246	98	60.00	97	50.00	96	50.00	95	40.00	0	0.	0	0.
252	96	60.00	94	40.00	93	30.00	92	20.00	0	0.	0	0.
258	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
264	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
276	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
282	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
288	95	50.00	93	30.00	92	20.00	91	10.00	0	0.	0	0.
294	97	60.00	97	50.00	95	40.00	94	30.00	0	0.	0	0.
300	99	60.00	99	60.00	98	50.00	96	40.00	0	0.	0	0.
306	99	50.00	98	40.00	98	40.00	98	40.00	0	0.	0	0.
312	99	40.00	98	30.00	98	30.00	97	30.00	0	0.	0	0.
318	99	30.00	98	30.00	98	30.00	97	20.00	0	0.	0	0.
324	95	20.00	98	20.00	97	20.00	96	10.00	0	0.	0	0.
330	98	20.00	97	10.00	96	10.00	96	10.00	0	0.	0	0.
336	97	10.00	96	10.00	96	10.00	95	10.00	0	0.	0	0.
342	96	10.00	96	10.00	96	10.00	95	10.00	0	0.	0	0.
348	96	10.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
354	96	10.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
360	96	10.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
AVERAGE SHIELDING		26.83		23.50		21.50		17.50		0.		0.
AVERAGE TARGET CONTACT ANGLE		96		96		95		95		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 8

SHIELDING OF TARGET AT POSITION B
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
4	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
9	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
13	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
18	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
22	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
27	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
31	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
36	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
40	94	10.00	94	10.00	94	10.00	93	0.	0	0.	0	0.
45	95	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
49	95	20.00	95	20.00	94	10.00	94	10.00	0	0.	0	0.
54	96	30.00	95	20.00	95	20.00	94	20.00	0	0.	0	0.
58	96	40.00	96	30.00	95	30.00	95	30.00	0	0.	0	0.
63	96	40.00	96	40.00	95	40.00	95	30.00	0	0.	0	0.
67	96	50.00	95	40.00	95	40.00	94	30.00	0	0.	0	0.
72	95	60.00	95	50.00	94	40.00	93	30.00	0	0.	0	0.
76	0	100.00	94	70.00	92	30.00	91	10.00	0	0.	0	0.
81	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
85	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
94	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
99	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
103	95	80.00	94	50.00	92	30.00	92	20.00	0	0.	0	0.
108	95	50.00	95	50.00	94	40.00	93	30.00	0	0.	0	0.
112	97	60.00	97	50.00	96	50.00	95	40.00	0	0.	0	0.
117	97	50.00	97	50.00	96	40.00	96	40.00	0	0.	0	0.
121	97	40.00	97	40.00	96	40.00	96	30.00	0	0.	0	0.
126	97	30.00	96	30.00	96	30.00	95	20.00	0	0.	0	0.
130	97	30.00	96	20.00	96	20.00	95	20.00	0	0.	0	0.
135	96	20.00	96	20.00	96	20.00	95	20.00	0	0.	0	0.
139	95	10.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
144	95	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
148	96	10.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
153	96	10.00	96	10.00	96	10.00	95	10.00	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
157	97	20.00	96	10.00	96	10.00	96	10.00	0	0.	0	0.
162	97	20.00	97	20.00	96	10.00	96	10.00	0	0.	0	0.
166	98	20.00	97	20.00	97	20.00	96	10.00	0	0.	0	0.
171	98	30.00	98	20.00	97	20.00	97	20.00	0	0.	0	0.
175	98	30.00	98	20.00	97	20.00	97	20.00	0	0.	0	0.
180	98	30.00	98	20.00	97	20.00	97	10.00	0	0.	0	0.
184	98	30.00	98	20.00	97	20.00	96	10.00	0	0.	0	0.
189	98	30.00	98	20.00	97	20.00	97	20.00	0	0.	0	0.
193	98	20.00	97	20.00	97	20.00	96	10.00	0	0.	0	0.
198	97	20.00	97	20.00	96	10.00	96	10.00	0	0.	0	0.
202	97	20.00	96	10.00	96	10.00	96	10.00	0	0.	0	0.
207	96	10.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
211	96	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
216	95	10.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
220	95	10.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
225	96	20.00	95	20.00	95	10.00	94	10.00	0	0.	0	0.
229	96	20.00	95	20.00	95	20.00	95	20.00	0	0.	0	0.
234	96	30.00	96	30.00	96	30.00	95	20.00	0	0.	0	0.
238	97	40.00	96	40.00	96	30.00	95	30.00	0	0.	0	0.
243	96	40.00	96	40.00	96	40.00	95	30.00	0	0.	0	0.
247	96	50.00	96	50.00	95	40.00	95	40.00	0	0.	0	0.
252	95	50.00	95	50.00	94	40.00	93	30.00	0	0.	0	0.
256	95	80.00	94	60.00	92	30.00	91	20.00	0	0.	0	0.
261	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
265	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
274	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
279	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
283	95	80.00	93	50.00	92	20.00	91	10.00	0	0.	0	0.
288	95	50.00	94	40.00	93	30.00	93	20.00	0	0.	0	0.
292	96	50.00	96	40.00	95	40.00	94	30.00	0	0.	0	0.
297	97	50.00	96	40.00	96	40.00	95	30.00	0	0.	0	0.
301	97	40.00	96	40.00	96	40.00	95	30.00	0	0.	0	0.
306	96	30.00	96	30.00	95	20.00	95	20.00	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
310	96	20.00	95	20.00	95	20.00	94	10.00	0	0.	0	0.
315	95	10.00	95	10.00	94	10.00	94	10.00	0	0.	0	0.
319	94	10.00	94	10.00	94	10.00	93	10.00	0	0.	0	0.
324	94	10.00	94	0.	94	0.	93	0.	0	0.	0	0.
328	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
333	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
337	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
342	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
346	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
351	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
355	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
360	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
AVERAGE SHIELDING		21.87		18.37		15.37		12.25		0.		0.
AVERAGE TARGET CONTACT ANGLE		95		95		94		94		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8 47

SHIELDING OF TARGET AT POSITION B
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
7	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
10	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
14	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
18	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
21	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
25	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
28	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
32	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
36	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
39	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
43	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
46	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
50	93	10.00	93	10.00	93	0.	92	0.	0	0.	0	0.
54	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
57	94	20.00	94	20.00	94	20.00	93	10.00	0	0.	0	0.
61	95	30.00	94	30.00	94	20.00	93	20.00	0	0.	0	0.
64	95	30.00	94	30.00	94	30.00	94	30.00	0	0.	0	0.
68	95	40.00	95	40.00	94	40.00	94	30.00	0	0.	0	0.
72	95	50.00	95	50.00	94	40.00	93	30.00	0	0.	0	0.
75	95	80.00	94	70.00	93	50.00	93	40.00	0	0.	0	0.
79	9	100.00	93	70.00	92	30.00	91	20.00	0	0.	0	0.
82	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
86	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
93	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
97	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
100	94	70.00	93	60.00	93	50.00	92	30.00	0	0.	0	0.
104	95	70.00	94	60.00	94	50.00	93	40.00	0	0.	0	0.
108	96	60.00	95	50.00	95	50.00	94	40.00	0	0.	0	0.
111	95	50.00	95	40.00	95	40.00	95	40.00	0	0.	0	0.
115	96	40.00	95	40.00	95	30.00	94	30.00	0	0.	0	0.
118	95	30.00	95	30.00	95	30.00	94	20.00	0	0.	0	0.
122	95	30.00	95	20.00	94	20.00	94	20.00	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
126	95	20.00	94	20.00	94	20.00	94	10.00	0	0.	0	0.
129	94	10.00	94	10.00	94	10.00	93	10.00	0	0.	0	0.
133	94	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
136	94	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
140	95	10.00	95	10.00	94	10.00	94	10.00	0	0.	0	0.
144	97	60.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
147	0	100.00	0	100.00	97	40.00	96	10.00	0	0.	0	0.
151	0	100.00	0	100.00	0	100.00	98	50.00	0	0.	0	0.
154	0	100.00	0	100.00	0	100.00	99	60.00	0	0.	0	0.
158	0	100.00	0	100.00	100	90.00	99	60.00	0	0.	0	0.
162	0	100.00	0	100.00	0	100.00	100	70.00	0	0.	0	0.
165	0	100.00	0	100.00	0	100.00	100	70.00	0	0.	0	0.
169	0	100.00	0	100.00	0	100.00	101	90.00	0	0.	0	0.
172	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
176	0	100.00	0	100.00	0	100.00	101	90.00	0	0.	0	0.
180	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
183	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
187	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
190	0	100.00	0	100.00	0	100.00	101	90.00	0	0.	0	0.
194	0	100.00	0	100.00	0	100.00	100	70.00	0	0.	0	0.
198		100.00	0	100.00	0	100.00	100	70.00	0	0.	0	0.
[illegible]		[illegible]	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
248	95	40.00	95	40.00	95	40.00	94	30.00	0	0.	0	0.
252	95	50.00	95	50.00	94	40.00	94	40.00	0	0.	0	0.
255	94	60.00	94	60.00	93	40.00	93	40.00	0	0.	0	0.
259	94	70.00	93	60.00	92	50.00	91	30.00	0	0.	0	0.
262	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
266	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
273	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
277	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
280	93	70.00	93	50.00	92	40.00	91	30.00	0	0.	0	0.
284	94	60.00	94	50.00	93	40.00	92	30.00	0	0.	0	0.
288	95	50.00	94	40.00	94	40.00	94	30.00	0	0.	0	0.
291	95	40.00	95	40.00	95	40.00	94	30.00	0	0.	0	0.
295	95	40.00	95	40.00	94	30.00	94	30.00	0	0.	0	0.
298	95	30.00	95	30.00	95	30.00	94	30.00	0	0.	0	0.
302	95	30.00	94	20.00	94	20.00	94	20.00	0	0.	0	0.
306	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
309	93	10.00	93	10.00	93	0.	93	0.	0	0.	0	0.
313	93	10.00	93	0.	93	0.	92	0.	0	0.	0	0.
316	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
320	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
324	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
327	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
331	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
334	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
338	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
342	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
345	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
349	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
352	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
356	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
360	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
AVERAGE SHIELDING		35.10		32.10		27.60		21.70		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		93		93		93		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 47

SHIELDING OF TARGET AT POSITION B

RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
6	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
9	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
12	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
15	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
18	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
21	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
24	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
27	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
30	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
33	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
36	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
39	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
42	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
45	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
48	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
51	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
54	92	10.00	92	0.	92	0.	92	0.	0	0.	0	0.
57	93	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
60	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
63	93	20.00	93	20.00	93	10.00	92	10.00	0	0.	0	0.
66	94	30.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
69	94	30.00	94	30.00	93	30.00	93	20.00	0	0.	0	0.
72	94	40.00	94	40.00	93	30.00	93	30.00	0	0.	0	0.
75	94	60.00	94	60.00	94	50.00	93	40.00	0	0.	0	0.
78	94	80.00	94	70.00	93	60.00	93	50.00	0	0.	0	0.
81	0	100.00	93	80.00	92	40.00	91	20.00	0	0.	0	0.
84	90	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
87	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
93	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
96	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
99	93	60.00	92	50.00	92	40.00	91	20.00	0	0.	0	0.
102	94	70.00	94	60.00	93	50.00	93	40.00	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
105	95	60.00	94	50.00	94	40.00	93	40.00	0	0.	0	0.
108	94	40.00	94	40.00	94	40.00	94	30.00	0	0.	0	0.
111	95	40.00	94	30.00	94	30.00	94	30.00	0	0.	0	0.
114	94	30.00	94	30.00	94	30.00	93	20.00	0	0.	0	0.
117	94	20.00	94	20.00	94	20.00	93	20.00	0	0.	0	0.
120	94	20.00	94	20.00	93	20.00	93	10.00	0	0.	0	0.
123	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
126	94	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
129	94	10.00	94	10.00	93	10.00	93	10.00	0	0.	0	0.
132	96	70.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
135	0	100.00	0	100.00	0	100.00	95	40.00	0	0.	0	0.
138	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
141	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
144	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
147	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
150	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
153	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
156	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
159	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
162	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
165	0	100.00	0	100.00	0	100.00	100	80.00	0	0.	0	0.
168	0	100.00	0	100.00	101	90.00	100	70.00	0	0.	0	0.
171	0	100.00	0	100.00	101	80.00	100	60.00	0	0.	0	0.
174	0	100.00	101	90.00	101	80.00	100	60.00	0	0.	0	0.
177	0	100.00	101	90.00	100	70.00	100	60.00	0	0.	0	0.
180	0	100.00	101	90.00	100	70.00	100	60.00	0	0.	0	0.
183	0	100.00	101	90.00	100	70.00	100	60.00	0	0.	0	0.
186	0	100.00	101	90.00	101	80.00	100	60.00	0	0.	0	0.
189	0	100.00	0	100.00	101	80.00	100	60.00	0	0.	0	0.
192	0	100.00	0	100.00	101	90.00	100	70.00	0	0.	0	0.
195	0	100.00	0	100.00	0	100.00	100	80.00	0	0.	0	0.
198	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
201	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
204	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
207	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
210	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
213	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
216	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
219	0	100.00	0	100.00	0	100.00	98	90.00	0	0.	0	0.
222	0	100.00	0	100.00	97	80.00	96	40.00	0	0.	0	0.
225	0	100.00	0	100.00	95	40.00	94	10.00	0	0.	0	0.
228	97	90.00	95	50.00	94	10.00	94	10.00	0	0.	0	0.
231	94	10.00	94	10.00	93	10.00	93	10.00	0	0.	0	0.
234	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
237	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
240	93	20.00	93	20.00	93	10.00	93	10.00	0	0.	0	0.
243	94	20.00	93	20.00	93	20.00	93	10.00	0	0.	0	0.
246	94	30.00	94	20.00	93	20.00	93	20.00	0	0.	0	0.
249	94	30.00	94	30.00	94	30.00	93	30.00	0	0.	0	0.
252	94	40.00	94	40.00	94	30.00	93	30.00	0	0.	0	0.
255	94	50.00	94	50.00	93	40.00	93	40.00	0	0.	0	0.
258	93	60.00	93	50.00	93	40.00	92	30.00	0	0.	0	0.
261	92	50.00	92	40.00	91	30.00	90	10.00	0	0.	0	0.
264	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
267	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
273	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
276	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
279	92	60.00	92	50.00	91	30.00	91	20.00	0	0.	0	0.
282	93	60.00	93	50.00	92	40.00	92	30.00	0	0.	0	0.
285	94	60.00	94	50.00	93	40.00	93	30.00	0	0.	0	0.
288	94	40.00	94	30.00	94	30.00	93	30.00	0	0.	0	0.
291	94	30.00	94	30.00	94	30.00	93	20.00	0	0.	0	0.
294	94	30.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
297	93	20.00	93	20.00	93	20.00	92	10.00	0	0.	0	0.
300	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
303	93	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
306	92	10.00	92	0.	92	0.	92	0.	0	0.	0	0.

TABLE K7 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
309	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
312	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
315	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
318	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
321	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
324	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
327	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
330	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
333	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
336	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
339	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
342	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
345	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
348	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
351	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
354	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
357	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
360	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
AVERAGE SHIELDING		39.25		36.33		32.42		27.83		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		93		93		93		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 7
SHIELDING OF TARGET AT POSITION B
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
5	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
7	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
10	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
12	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
15	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
18	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
20	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
23	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
25	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
28	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
30	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
33	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
36	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
38	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
41	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
43	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
46	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
48	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
51	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
54	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
56	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
59	92	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
61	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
64	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
66	93	20.00	93	20.00	92	20.00	92	10.00	0	0.	0	0.
69	93	30.00	93	20.00	93	20.00	92	20.00	0	0.	0	0.
72	93	30.00	93	30.00	93	30.00	92	20.00	0	0.	0	0.
74	94	50.00	94	50.00	93	40.00	93	40.00	0	0.	0	0.
77	94	70.00	94	60.00	93	60.00	93	50.00	0	0.	0	0.
79	94	90.00	93	80.00	93	70.00	92	50.00	0	0.	0	0.
82	93	90.00	92	70.00	92	50.00	91	30.00	0	0.	0	0.
84	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
87	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.

TABLE X 47 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
90	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
92	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
95	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
97	92	70.00	92	60.00	91	40.00	91	30.00	0	0.	0	0.
100	0	100.00	93	70.00	93	60.00	93	50.00	0	0.	0	0.
102	94	60.00	94	60.00	93	50.00	93	40.00	0	0.	0	0.
105	94	40.00	94	40.00	93	40.00	93	30.00	0	0.	0	0.
108	94	30.00	94	30.00	93	30.00	93	30.00	0	0.	0	0.
110	94	30.00	94	30.00	93	20.00	93	20.00	0	0.	0	0.
113	93	20.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
115	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
118	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
120	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
123	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
126	0	100.00	0	100.00	94	10.00	93	10.00	0	0.	0	0.
128	0	100.00	0	100.00	0	100.00	96	80.00	0	0.	0	0.
131	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
133	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
136	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
138	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
141	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
144	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
146	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
149	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
151	0	100.00	0	100.00	99	90.00	99	80.00	0	0.	0	0.
154	100	90.00	99	80.00	99	70.00	98	60.00	0	0.	0	0.
156	99	70.00	99	70.00	98	50.00	98	40.00	0	0.	0	0.
159	99	50.00	99	50.00	98	40.00	98	30.00	0	0.	0	0.
162	98	40.00	98	40.00	98	30.00	97	20.00	0	0.	0	0.
164	98	30.00	98	30.00	98	20.00	97	20.00	0	0.	0	0.
167	98	20.00	98	20.00	98	20.00	97	20.00	0	0.	0	0.
169	98	20.00	98	20.00	97	20.00	97	20.00	0	0.	0	0.
172	98	20.00	98	20.00	97	20.00	97	20.00	0	0.	0	0.
174	98	20.00	98	20.00	97	20.00	97	20.00	0	0.	0	0.

TABLE 47 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
177	98	20.00	98	20.00	97	20.00	97	20.00	0	0.	0	0.
180	98	20.00	98	20.00	97	20.00	97	20.00	0	0.	0	0.
182	98	20.00	98	20.00	97	20.00	97	20.00	0	0.	0	0.
185	98	20.00	98	20.00	97	20.00	97	20.00	0	0.	0	0.
187	98	20.00	98	20.00	97	20.00	97	20.00	0	0.	0	0.
190	98	20.00	98	20.00	97	20.00	97	20.00	0	0.	0	0.
192	98	20.00	98	20.00	97	20.00	97	20.00	0	0.	0	0.
195	98	30.00	98	20.00	97	20.00	97	20.00	0	0.	0	0.
198	98	40.00	98	30.00	97	20.00	97	20.00	0	0.	0	0.
200	99	50.00	98	40.00	98	30.00	97	20.00	0	0.	0	0.
203	99	70.00	99	60.00	98	50.00	98	40.00	0	0.	0	0.
205	100	90.00	99	80.00	99	70.00	98	50.00	0	0.	0	0.
208	0	100.00	0	100.00	99	80.00	99	70.00	0	0.	0	0.
210	0	100.00	0	100.00	0	100.00	99	90.00	0	0.	0	0.
213	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
216	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
218	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
221	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
223	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
226	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
228	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
231	0	100.00	0	100.00	96	70.00	94	30.00	0	0.	0	0.
234	0	100.00	96	90.00	94	30.00	93	10.00	0	0.	0	0.
236	94	40.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
239	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
241	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
244	93	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
246	93	20.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
249	93	30.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
252	93	30.00	93	30.00	93	30.00	93	20.00	0	0.	0	0.
254	94	40.00	93	40.00	93	40.00	93	30.00	0	0.	0	0.
257	94	60.00	93	50.00	93	50.00	93	40.00	0	0.	0	0.
259	0	100.00	93	60.00	92	50.00	92	40.00	0	0.	0	0.
262	93	30.00	90	20.00	90	0.	90	0.	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
264	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
267	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
272	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
275	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
277	92	60.00	92	50.00	91	30.00	90	20.00	0	0.	0	0.
280	93	60.00	92	50.00	92	40.00	92	30.00	0	0.	0	0.
282	93	50.00	93	50.00	93	40.00	93	40.00	0	0.	0	0.
285	94	40.00	93	40.00	93	30.00	93	30.00	0	0.	0	0.
288	93	30.00	93	30.00	93	20.00	93	20.00	0	0.	0	0.
290	93	20.00	93	20.00	93	20.00	92	20.00	0	0.	0	0.
293	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
295	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
298	92	10.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
300	92	10.00	92	10.00	92	10.00	91	0.	0	0.	0	0.
303	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
306	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
308	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
311	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
313	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
316	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
318	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
321	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
324	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
326	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
329	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
331	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
334	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
336	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
339	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
342	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
344	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
347	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
349	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.

TABLE X 47 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
352	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
354	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
357	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
360	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
AVERAGE SHIELDING		31.86		29.86		26.36		23.64		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		93		93		93		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 7

SHIELDING OF TARGET AT POSITION B
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
4	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
6	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
9	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
11	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
13	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
15	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
18	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
20	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
22	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
24	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
27	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
29	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
31	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
33	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
36	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
38	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
40	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
42	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
45	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
47	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
49	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
51	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
54	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
56	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
58	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
60	92	10.00	92	10.00	91	0.	91	0.	0	0.	0	0.
63	92	10.00	92	10.00	92	10.00	91	0.	0	0.	0	0.
65	92	10.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
67	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
69	92	20.00	92	20.00	92	20.00	92	10.00	0	0.	0	0.
72	92	20.00	92	20.00	92	20.00	92	20.00	0	0.	0	0.
74	93	40.00	93	30.00	93	30.00	92	30.00	0	0.	0	0.
76	93	50.00	93	50.00	93	40.00	93	40.00	0	0.	0	0.

TABLE 47 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
78	94	80.00	93	70.00	93	60.00	93	50.00	0	0.	0	0.
81	93	90.00	93	80.00	93	70.00	92	50.00	0	0.	0	0.
83	92	70.00	92	60.00	91	40.00	91	30.00	0	0.	0	0.
85	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
87	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
92	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
94	90	20.00	90	0.	90	0.	89	0.	0	0.	0	0.
96	92	80.00	92	60.00	91	50.00	91	30.00	0	0.	0	0.
99	93	80.00	93	60.00	93	60.00	92	50.00	0	0.	0	0.
101	93	60.00	93	60.00	93	50.00	93	50.00	0	0.	0	0.
103	93	40.00	93	40.00	93	40.00	93	30.00	0	0.	0	0.
105	93	40.00	93	30.00	93	30.00	93	30.00	0	0.	0	0.
108	93	30.00	93	20.00	93	20.00	92	20.00	0	0.	0	0.
110	93	20.00	93	20.00	93	20.00	92	20.00	0	0.	0	0.
112	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
114	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
117	93	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
119	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
121	0	100.00	95	80.00	93	10.00	93	10.00	0	0.	0	0.
123	0	100.00	0	100.00	95	80.00	94	20.00	0	0.	0	0.
126	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
128	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
130	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
132	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
135	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
137	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
139	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
141	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
144	0	100.00	0	100.00	98	90.00	98	80.00	0	0.	0	0.
146	98	60.00	98	70.00	98	60.00	97	50.00	0	0.	0	0.
148	98	60.00	97	50.00	97	40.00	97	30.00	0	0.	0	0.
150	97	20.00	96	20.00	96	10.00	96	10.00	0	0.	0	0.
153	96	10.00	96	10.00	96	10.00	95	10.00	0	0.	0	0.

TABLE 17 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
155	96	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
157	95	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
159	95	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
162	95	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
164	95	10.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
166	95	10.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
168	95	10.00	95	10.00	94	10.00	94	10.00	0	0.	0	0.
171	95	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
173	95	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
175	94	10.00	94	10.00	94	10.00	94	0.	0	0.	0	0.
177	94	10.00	94	10.00	94	0.	94	0.	0	0.	0	0.
180	94	10.00	94	10.00	94	0.	94	0.	0	0.	0	0.
182	94	10.00	94	10.00	94	0.	94	0.	0	0.	0	0.
184	94	10.00	94	10.00	94	10.00	94	0.	0	0.	0	0.
186	94	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
189	94	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
191	95	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
193	95	10.00	95	10.00	94	10.00	94	10.00	0	0.	0	0.
195	95	10.00	95	10.00	94	10.00	94	10.00	0	0.	0	0.
198	95	10.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
200	95	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
202	95	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
204	96	10.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
207	96	10.00	96	10.00	96	10.00	96	10.00	0	0.	0	0.
209	96	20.00	96	20.00	96	10.00	96	10.00	0	0.	0	0.
211	97	40.00	97	30.00	96	20.00	96	20.00	0	0.	0	0.
213	98	60.00	97	60.00	97	50.00	97	40.00	0	0.	0	0.
216	98	90.00	98	80.00	98	70.00	97	60.00	0	0.	0	0.
218	0	100.00	0	100.00	98	90.00	98	80.00	0	0.	0	0.
220	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
222	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
225	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
227	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
229	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE 17 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
231	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
234	0	100.00	0	100.00	0	100.00	96	90.00	0	0.	0	0.
236	0	100.00	0	100.00	95	70.00	94	40.00	0	0.	0	0.
238	0	100.00	0	100.00	94	50.00	93	10.00	0	0.	0	0.
240	0	100.00	94	50.00	93	10.00	93	10.00	0	0.	0	0.
243	93	50.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
245	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
247	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
249	93	20.00	93	20.00	93	20.00	92	20.00	0	0.	0	0.
252	93	30.00	93	20.00	93	20.00	92	20.00	0	0.	0	0.
254	93	30.00	93	30.00	93	30.00	93	30.00	0	0.	0	0.
256	93	40.00	93	40.00	93	30.00	92	30.00	0	0.	0	0.
258	93	70.00	93	60.00	93	50.00	93	50.00	0	0.	0	0.
261	0	100.00	0	100.00	92	60.00	92	40.00	0	0.	0	0.
263	91	30.00	90	20.00	90	10.00	90	0.	0	0.	0	0.
265	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
267	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
272	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
274	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
276	92	70.00	91	50.00	91	30.00	90	20.00	0	0.	0	0.
279	92	60.00	92	50.00	92	50.00	92	40.00	0	0.	0	0.
281	93	60.00	93	50.00	93	50.00	92	40.00	0	0.	0	0.
283	93	40.00	93	40.00	93	30.00	92	30.00	0	0.	0	0.
285	93	30.00	93	30.00	92	20.00	92	20.00	0	0.	0	0.
288	93	20.00	92	20.00	92	20.00	92	10.00	0	0.	0	0.
290	92	10.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
292	92	10.00	92	10.00	91	10.00	91	0.	0	0.	0	0.
294	92	10.00	92	10.00	91	10.00	91	0.	0	0.	0	0.
297	92	10.00	92	10.00	91	0.	91	0.	0	0.	0	0.
299	92	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
301	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
303	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
306	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
308	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
310	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
312	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
315	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
317	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
319	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
321	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
324	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
326	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
328	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
330	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
333	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
335	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
337	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
339	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
342	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
344	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
346	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
348	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
351	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
353	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
355	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
357	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
360	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
AVERAGE SHIELDING		27.25		25.12		21.75		19.19		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		93		92		92		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 8

SHIELDING OF TARGET AT POSITION C
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
18	108	60.00	105	50.00	102	40.00	98	20.00	0	0.	0	0.
36	103	50.00	98	30.00	94	10.00	92	0.	0	0.	0	0.
54	92	0.	91	0.	89	0.	88	0.	0	0.	0	0.
72	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
90	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
108	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
126	92	0.	91	0.	90	0.	89	0.	0	0.	0	0.
144	101	40.00	97	20.00	94	10.00	93	0.	0	0.	0	0.
162	106	50.00	104	40.00	101	30.00	98	20.00	0	0.	0	0.
180	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
198	106	50.00	104	40.00	101	30.00	97	20.00	0	0.	0	0.
216	103	50.00	99	30.00	94	10.00	93	0.	0	0.	0	0.
234	92	0.	91	0.	90	0.	88	0.	0	0.	0	0.
252	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
270	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
288	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
306	93	0.	92	0.	90	0.	89	0.	0	0.	0	0.
324	101	40.00	97	20.00	94	10.00	93	0.	0	0.	0	0.
342	106	50.00	104	40.00	101	30.00	98	20.00	0	0.	0	0.
360	111	70.00	108	60.00	105	50.00	102	40.00	0	0.	0	0.
AVERAGE SHIELDING		23.00		16.50		11.00		6.00		0.		0.
AVERAGE TARGET CONTACT ANGLE		97		96		93		91		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE NO 4
TABLE 48 (CONT.)

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TABLE 8

SHIELDING OF TARGET AT POSITION C
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
9	104	40.00	103	40.00	103	40.00	101	30.00	0	0.	0	0.
18	103	40.00	103	40.00	102	40.00	101	30.00	0	0.	0	0.
27	103	40.00	103	40.00	101	30.00	100	30.00	0	0.	0	0.
36	104	50.00	103	50.00	102	40.00	101	40.00	0	0.	0	0.
45	102	50.00	102	50.00	100	40.00	99	40.00	0	0.	0	0.
54	101	60.00	100	50.00	99	50.00	97	40.00	0	0.	0	0.
63	100	80.00	96	40.00	93	20.00	92	10.00	0	0.	0	0.
72	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
81	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
99	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
108	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
117	99	60.00	97	50.00	95	30.00	93	10.00	0	0.	0	0.
126	101	60.00	100	50.00	99	40.00	97	30.00	0	0.	0	0.
135	103	50.00	102	50.00	101	40.00	100	40.00	0	0.	0	0.
144	102	40.00	102	40.00	101	40.00	100	30.00	0	0.	0	0.
153	103	40.00	103	40.00	101	30.00	101	30.00	0	0.	0	0.
162	104	40.00	103	40.00	102	30.00	101	30.00	0	0.	0	0.
171	104	40.00	103	40.00	102	30.00	101	30.00	0	0.	0	0.
180	104	40.00	103	40.00	102	30.00	101	30.00	0	0.	0	0.
189	103	40.00	103	40.00	102	30.00	101	30.00	0	0.	0	0.
198	103	40.00	103	40.00	101	30.00	101	30.00	0	0.	0	0.
207	103	40.00	103	40.00	101	30.00	100	30.00	0	0.	0	0.
216	104	50.00	103	50.00	102	40.00	101	40.00	0	0.	0	0.
225	103	60.00	102	50.00	100	40.00	100	40.00	0	0.	0	0.
234	101	60.00	100	50.00	98	40.00	98	40.00	0	0.	0	0.
243	98	60.00	97	50.00	95	30.00	92	10.00	0	0.	0	0.
252	91	10.00	91	0.	90	0.	89	0.	0	0.	0	0.
261	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
279	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
288	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
297	99	70.00	95	30.00	94	20.00	92	10.00	0	0.	0	0.
306	102	60.00	100	50.00	99	40.00	97	30.00	0	0.	0	0.

TABLE 18 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
315	104	60.00	103	50.00	101	40.00	100	40.00	0	0.	0	0.
324	104	50.00	104	50.00	102	40.00	102	40.00	0	0.	0	0.
333	104	40.00	103	40.00	102	30.00	101	30.00	0	0.	0	0.
342	104	40.00	103	40.00	102	30.00	101	30.00	0	0.	0	0.
351	104	40.00	103	40.00	103	40.00	101	30.00	0	0.	0	0.
360	104	40.00	104	40.00	103	40.00	102	40.00	0	0.	0	0.
AVERAGE SHIELDING		37.25		33.00		26.25		23.00		0.		0.
AVERAGE TARGET CONTACT ANGLE		100		99		98		97		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 48

SHIELDING OF TARGET AT POSITION C
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
6	97	20.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
12	97	20.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
18	97	20.00	97	20.00	96	10.00	95	10.00	0	0.	0	0.
24	97	20.00	97	20.00	96	10.00	95	10.00	0	0.	0	0.
30	97	20.00	97	20.00	97	20.00	96	10.00	0	0.	0	0.
36	97	20.00	97	20.00	97	20.00	96	20.00	0	0.	0	0.
42	98	30.00	98	30.00	97	30.00	96	20.00	0	0.	0	0.
48	98	30.00	98	30.00	97	30.00	96	20.00	0	0.	0	0.
54	98	40.00	98	40.00	97	40.00	96	30.00	0	0.	0	0.
60	98	50.00	97	40.00	97	40.00	95	30.00	0	0.	0	0.
66	98	70.00	97	60.00	95	40.00	94	30.00	0	0.	0	0.
72	96	80.00	94	50.00	93	30.00	91	10.00	0	0.	0	0.
78	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
84	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
96	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
102	91	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
108	96	70.00	95	50.00	93	30.00	92	20.00	0	0.	0	0.
114	98	60.00	97	50.00	96	40.00	95	30.00	0	0.	0	0.
120	100	60.00	99	50.00	98	50.00	97	40.00	0	0.	0	0.
126	100	50.00	99	40.00	99	40.00	98	40.00	0	0.	0	0.
132	99	40.00	99	30.00	98	30.00	98	30.00	0	0.	0	0.
138	9[illegible]	30.00	99	30.00	98	30.00	98	30.00	0	0.	0	0.
144	98	20.00	98	20.00	98	20.00	97	20.00	0	0.	0	0.
150	98	20.00	98	20.00	98	20.00	97	20.00	0	0.	0	0.
156	98	20.00	98	20.00	98	20.00	97	10.00	0	0.	0	0.
162	98	20.00	98	20.00	97	20.00	96	10.00	0	0.	0	0.
168	98	20.00	98	20.00	97	20.00	96	10.00	0	0.	0	0.
174	98	20.00	98	20.00	97	20.00	96	10.00	0	0.	0	0.
180	98	20.00	98	20.00	97	20.00	96	10.00	0	0.	0	0.
186	98	20.00	98	20.00	97	20.00	96	10.00	0	0.	0	0.
192	98	20.00	98	20.00	97	20.00	96	10.00	0	0.	0	0.
198	98	20.00	98	20.00	97	20.00	96	10.00	0	0.	0	0.
204	98	20.00	98	20.00	97	20.00	96	10.00	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
210	98	20.00	98	20.00	97	20.00	97	20.00	0	0.	0	0.
216	98	20.00	98	20.00	97	20.00	97	20.00	0	0.	0	0.
222	99	30.00	98	30.00	98	30.00	97	30.00	0	0.	0	0.
228	98	30.00	98	30.00	98	30.00	97	20.00	0	0.	0	0.
234	99	40.00	98	40.00	98	40.00	97	30.00	0	0.	0	0.
240	99	60.00	98	50.00	98	50.00	97	40.00	0	0.	0	0.
246	98	60.00	97	50.00	96	50.00	95	40.00	0	0.	0	0.
252	95	60.00	95	50.00	93	30.00	92	20.00	0	0.	0	0.
258	91	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
264	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
276	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
282	91	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
288	96	60.00	95	50.00	93	30.00	91	10.00	0	0.	0	0.
294	98	60.00	97	50.00	96	40.00	95	30.00	0	0.	0	0.
300	99	50.00	98	40.00	97	40.00	96	30.00	0	0.	0	0.
306	99	40.00	99	40.00	98	30.00	97	30.00	0	0.	0	0.
312	99	30.00	98	30.00	98	30.00	97	20.00	0	0.	0	0.
318	99	30.00	98	30.00	97	20.00	97	20.00	0	0.	0	0.
324	98	20.00	98	20.00	97	20.00	97	20.00	0	0.	0	0.
330	98	20.00	98	20.00	96	10.00	96	10.00	0	0.	0	0.
336	97	10.00	96	10.00	96	10.00	95	10.00	0	0.	0	0.
342	96	10.00	96	10.00	96	10.00	95	10.00	0	0.	0	0.
348	96	10.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
354	97	20.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
360	97	20.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
AVERAGE SHIELDING		28.17		24.00		21.17		16.17		0.		0.
AVERAGE TARGET CONTACT ANGLE		97		96		95		95		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE X
SHIELDING OF TARGET AT POSITION C
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
4	94	10.00	94	0.	93	0.	93	0.	0	0.	0	0.
9	94	10.00	94	0.	93	0.	93	0.	0	0.	0	0.
13	94	10.00	94	0.	93	0.	93	0.	0	0.	0	0.
18	94	10.00	94	0.	93	0.	93	0.	0	0.	0	0.
22	94	10.00	94	0.	93	0.	93	0.	0	0.	0	0.
27	94	10.00	94	0.	93	0.	93	0.	0	0.	0	0.
31	94	10.00	94	10.00	93	0.	93	0.	0	0.	0	0.
36	94	10.00	94	10.00	93	0.	93	0.	0	0.	0	0.
40	94	10.00	94	10.00	94	10.00	93	0.	0	0.	0	0.
45	95	20.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
49	95	20.00	95	20.00	95	20.00	94	10.00	0	0.	0	0.
54	96	30.00	96	30.00	95	20.00	95	20.00	0	0.	0	0.
58	96	40.00	96	30.00	95	30.00	95	30.00	0	0.	0	0.
63	96	40.00	96	40.00	96	40.00	95	30.00	0	0.	0	0.
67	96	60.00	96	50.00	95	40.00	94	30.00	0	0.	0	0.
72	95	60.00	95	50.00	94	40.00	93	30.00	0	0.	0	0.
76	0	100.00	94	70.00	92	30.00	91	10.00	0	0.	0	0.
81	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
85	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
94	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
99	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
103	95	80.00	94	50.00	93	40.00	92	20.00	0	0.	0	0.
108	96	60.00	95	50.00	94	40.00	94	30.00	0	0.	0	0.
112	97	60.00	97	50.00	96	50.00	95	40.00	0	0.	0	0.
117	97	40.00	97	40.00	96	40.00	96	30.00	0	0.	0	0.
121	97	40.00	96	30.00	96	30.00	96	30.00	0	0.	0	0.
126	97	30.00	97	30.00	96	20.00	95	20.00	0	0.	0	0.
130	96	20.00	96	20.00	96	20.00	95	20.00	0	0.	0	0.
135	96	20.00	96	20.00	95	10.00	95	10.00	0	0.	0	0.
139	95	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
144	95	10.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
148	95	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
153	96	10.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
157	95	10.00	96	10.00	96	10.00	95	10.00	0	0.	0	0.
162	96	10.00	96	10.00	96	10.00	96	10.00	0	0.	0	0.
166	98	40.00	97	10.00	96	10.00	96	10.00	0	0.	0	0.
171	100	80.00	98	20.00	97	10.00	96	10.00	0	0.	0	0.
175	99	50.00	98	20.00	97	20.00	97	10.00	0	0.	0	0.
180	98	30.00	98	20.00	97	20.00	97	10.00	0	0.	0	0.
184	98	20.00	98	20.00	97	20.00	97	10.00	0	0.	0	0.
189	98	30.00	98	20.00	97	20.00	97	10.00	0	0.	0	0.
193	98	20.00	97	20.00	97	10.00	96	10.00	0	0.	0	0.
198	97	20.00	97	10.00	96	10.00	96	10.00	0	0.	0	0.
202	97	20.00	96	10.00	96	10.00	96	10.00	0	0.	0	0.
207	97	20.00	96	10.00	96	10.00	96	10.00	0	0.	0	0.
211	96	10.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
216	96	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
220	95	10.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
225	96	20.00	96	20.00	95	10.00	94	10.00	0	0.	0	0.
229	96	20.00	96	20.00	95	20.00	94	10.00	0	0.	0	0.
234	96	30.00	96	30.00	95	20.00	95	20.00	0	0.	0	0.
238	97	40.00	96	30.00	96	30.00	95	30.00	0	0.	0	0.
243	96	40.00	96	40.00	96	40.00	95	30.00	0	0.	0	0.
247	96	50.00	96	50.00	95	40.00	95	40.00	0	0.	0	0.
252	96	60.00	95	50.00	94	40.00	93	30.00	0	0.	0	0.
256	95	80.00	94	50.00	92	30.00	92	20.00	0	0.	0	0.
261	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
265	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
274	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
279	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
283	94	60.00	93	40.00	92	30.00	91	10.00	0	0.	0	0.
288	95	50.00	93	50.00	94	40.00	93	30.00	0	0.	0	0.
292	96	50.00	96	40.00	95	40.00	94	30.00	0	0.	0	0.
297	97	40.00	96	30.00	96	30.00	95	30.00	0	0.	0	0.
301	96	30.00	96	30.00	95	20.00	95	20.00	0	0.	0	0.
306	96	20.00	96	20.00	95	20.00	95	20.00	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
310	96	20.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
315	95	10.00	95	10.00	94	10.00	94	10.00	0	0.	0	0.
319	94	10.00	94	10.00	94	10.00	93	0.	0	0.	0	0.
324	94	10.00	94	10.00	94	0.	93	0.	0	0.	0	0.
328	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
333	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
337	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
342	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
346	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
351	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
355	94	10.00	94	0.	93	0.	93	0.	0	0.	0	0.
360	94	10.00	94	0.	93	0.	93	0.	0	0.	0	0.
AVERAGE SHIELDING		23.62		17.62		14.50		11.37		0.		0.
AVERAGE TARGET CONTACT ANGLE		95		95		94		94		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8

SHIELDING OF TARGET AT POSITION C

RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
7	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
10	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
14	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
18	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
21	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
25	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
28	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
32	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
36	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
39	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
43	93	10.00	93	10.00	93	0.	92	0.	0	0.	0	0.
46	93	10.00	93	10.00	93	0.	92	0.	0	0.	0	0.
50	93	10.00	93	10.00	93	10.00	92	0.	0	0.	0	0.
54	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
57	94	20.00	94	20.00	94	20.00	93	10.00	0	0.	0	0.
61	95	30.00	94	20.00	94	20.00	94	20.00	0	0.	0	0.
64	95	30.00	94	30.00	94	30.00	94	30.00	0	0.	0	0.
68	95	40.00	95	40.00	94	40.00	94	30.00	0	0.	0	0.
72	95	60.00	95	50.00	94	40.00	94	40.00	0	0.	0	0.
75	95	80.00	95	70.00	94	60.00	93	40.00	0	0.	0	0.
79	0	100.00	93	70.00	92	40.00	91	20.00	0	0.	0	0.
82	91	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
86	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
93	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
97	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
100	93	60.00	93	50.00	92	40.00	91	20.00	0	0.	0	0.
104	95	70.00	94	60.00	94	50.00	93	40.00	0	0.	0	0.
108	95	60.00	95	50.00	94	40.00	94	40.00	0	0.	0	0.
111	95	40.00	95	40.00	95	40.00	94	30.00	0	0.	0	0.
115	95	30.00	95	30.00	95	30.00	95	30.00	0	0.	0	0.
118	95	30.00	95	20.00	95	20.00	94	20.00	0	0.	0	0.
122	95	20.00	95	20.00	95	20.00	94	20.00	0	0.	0	0.

TABLE 8 KB (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
126	95	20.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
129	94	10.00	94	10.00	94	10.00	93	10.00	0	0.	0	0.
133	94	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
136	95	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
140	95	10.00	95	10.00	94	10.00	94	10.00	0	0.	0	0.
144	0	100.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
147	0	100.00	0	100.00	0	100.00	97	40.00	0	0.	0	0.
151	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
154	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
158	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
162	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
165	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
169	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
172	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
176	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
180	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
183	0	100.00	0	100.00	0	100.00	101	90.00	0	0.	0	0.
187	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
190	0	100.00	0	100.00	0	100.00	101	80.00	0	0.	0	0.
194	0	100.00	0	100.00	0	100.00	100	70.00	0	0.	0	0.
198	0	100.00	0	100.00	0	100.00	100	70.00	0	0.	0	0.
201	0	100.00	0	100.00	99	70.00	98	30.00	0	0.	0	0.
205	0	100.00	0	100.00	98	50.00	97	20.00	0	0.	0	0.
208	0	100.00	99	80.00	97	20.00	96	10.00	0	0.	0	0.
212	98	70.00	97	30.00	96	10.00	96	10.00	0	0.	0	0.
216	97	50.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
219	95	10.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
223	95	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
226	94	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
230	94	10.00	94	10.00	94	10.00	93	10.00	0	0.	0	0.
234	94	20.00	94	10.00	93	10.00	93	10.00	0	0.	0	0.
237	94	20.00	94	20.00	94	20.00	93	10.00	0	0.	0	0.
241	95	30.00	94	20.00	94	20.00	94	20.00	0	0.	0	0.
244	95	40.00	95	30.00	94	30.00	94	30.00	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
248	95	40.00	95	40.00	95	40.00	94	30.00	0	0.	0	0.
252	95	50.00	95	50.00	94	40.00	94	40.00	0	0.	0	0.
255	94	60.00	94	50.00	94	50.00	93	40.00	0	0.	0	0.
259	94	70.00	93	50.00	92	30.00	91	20.00	0	0.	0	0.
262	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
266	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
273	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
277	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
280	93	70.00	92	40.00	91	20.00	91	10.00	0	0.	0	0.
284	94	60.00	94	50.00	93	40.00	92	30.00	0	0.	0	0.
288	95	50.00	95	50.00	94	40.00	94	40.00	0	0.	0	0.
291	95	40.00	95	40.00	94	30.00	94	30.00	0	0.	0	0.
295	95	30.00	95	30.00	94	20.00	94	20.00	0	0.	0	0.
298	95	20.00	95	20.00	94	20.00	94	10.00	0	0.	0	0.
302	94	10.00	94	10.00	94	10.00	93	10.00	0	0.	0	0.
306	94	10.00	93	10.00	93	10.00	93	0.	0	0.	0	0.
309	93	10.00	93	0.	93	0.	93	0.	0	0.	0	0.
313	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
316	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
320	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
324	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
327	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
331	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
334	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
338	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
342	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
345	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
349	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
352	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
356	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
360	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
AVERAGE SHIELDING		34.80		30.50		27.00		22.80		0.		0.
AVERAGE TARGET CONTACT ANGLE		94		93		93		93		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE X 40

SHIELDING OF TARGET AT POSITION C

RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
6	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
9	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
12	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
15	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
18	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
21	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
24	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
27	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
30	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
33	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
36	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
39	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
42	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
45	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
48	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
51	92	10.00	92	0.	92	0.	92	0.	0	0.	0	0.
54	93	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
57	93	10.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
60	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
63	93	20.00	93	20.00	93	10.00	92	10.00	0	0.	0	0.
66	94	20.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
69	94	30.00	94	30.00	93	30.00	93	20.00	0	0.	0	0.
72	94	50.00	94	40.00	94	40.00	93	30.00	0	0.	0	0.
75	95	70.00	95	70.00	94	60.00	94	50.00	0	0.	0	0.
78	95	90.00	94	80.00	94	70.00	93	50.00	0	0.	0	0.
81	93	80.00	93	60.00	92	40.00	91	30.00	0	0.	0	0.
84	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
87	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
93	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
96	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
99	93	60.00	92	50.00	92	40.00	91	20.00	0	0.	0	0.
102	95	90.00	94	70.00	93	50.00	93	50.00	0	0.	0	0.

TABLE 46 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
105	95	60.00	95	60.00	94	50.00	94	40.00	0	0.	0	0.
108	95	50.00	94	40.00	94	40.00	94	30.00	0	0.	0	0.
111	94	30.00	94	30.00	94	30.00	94	30.00	0	0.	0	0.
114	94	30.00	94	20.00	94	20.00	94	20.00	0	0.	0	0.
117	94	20.00	94	20.00	94	20.00	93	10.00	0	0.	0	0.
120	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
123	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
126	94	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
129	94	10.00	94	10.00	93	10.00	93	10.00	0	0.	0	0.
132	95	40.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
135	0	100.00	0	100.00	97	90.00	95	20.00	0	0.	0	0.
138	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
141	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
144	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
147	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
150	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
153	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
156	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
159	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
162	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
165	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
168	0	100.00	0	100.00	0	100.00	101	90.00	0	0.	0	0.
171	0	100.00	0	100.00	101	90.00	100	60.00	0	0.	0	0.
174	0	100.00	0	100.00	101	90.00	100	70.00	0	0.	0	0.
177	0	100.00	101	90.00	101	80.00	100	60.00	0	0.	0	0.
180	0	100.00	101	90.00	100	70.00	100	60.00	0	0.	0	0.
183	0	100.00	101	90.00	100	70.00	100	60.00	0	0.	0	0.
186	0	100.00	101	90.00	100	70.00	100	60.00	0	0.	0	0.
189	0	100.00	0	100.00	101	80.00	100	60.00	0	0.	0	0.
192	0	100.00	0	100.00	101	90.00	100	70.00	0	0.	0	0.
195	0	100.00	0	100.00	101	90.00	100	80.00	0	0.	0	0.
198	0	100.00	0	100.00	0	100.00	100	90.00	0	0.	0	0.
201	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
204	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
207	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
210	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
213	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
216	0	100.00	0	100.00	0	100.00	99	90.00	0	0.	0	0.
219	0	100.00	0	100.00	98	80.00	97	50.00	0	0.	0	0.
222	0	100.00	98	90.00	96	50.00	95	20.00	0	0.	0	0.
225	0	100.00	97	80.00	95	10.00	94	10.00	0	0.	0	0.
228	97	90.00	95	50.00	94	10.00	94	10.00	0	0.	0	0.
231	94	10.00	94	10.00	94	10.00	93	10.00	0	0.	0	0.
234	94	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
237	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
240	93	20.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
243	94	20.00	93	20.00	93	20.00	93	10.00	0	0.	0	0.
246	94	30.00	94	20.00	93	20.00	93	20.00	0	0.	0	0.
249	94	30.00	94	30.00	94	30.00	93	30.00	0	0.	0	0.
252	94	40.00	94	40.00	93	30.00	93	30.00	0	0.	0	0.
255	94	50.00	94	50.00	94	40.00	93	40.00	0	0.	0	0.
258	94	60.00	93	50.00	93	40.00	92	30.00	0	0.	0	0.
261	93	70.00	92	60.00	92	40.00	91	20.00	0	0.	0	0.
264	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
267	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
273	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
276	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
279	93	60.00	92	50.00	92	40.00	91	20.00	0	0.	0	0.
282	93	60.00	93	50.00	92	30.00	92	30.00	0	0.	0	0.
285	94	50.00	94	50.00	93	40.00	93	40.00	0	0.	0	0.
288	94	40.00	94	40.00	94	30.00	93	30.00	0	0.	0	0.
291	94	30.00	94	30.00	93	20.00	93	20.00	0	0.	0	0.
294	94	20.00	94	20.00	93	20.00	93	10.00	0	0.	0	0.
297	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
300	93	10.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
303	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
306	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.

TABLE 4f (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
309	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
312	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
315	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
318	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
321	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
324	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
327	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
330	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
333	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
336	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
339	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
342	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
345	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
348	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
351	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
354	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
357	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
360	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
AVERAGE SHIELDING		38.67		36.17		31.92		27.75		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		93		93		93		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8

SHIELDING OF TARGET AT POSITION C
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
5	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
7	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
10	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
12	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
15	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
18	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
20	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
23	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
25	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
28	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
30	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
33	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
36	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
38	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
41	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
43	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
46	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
48	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
51	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
54	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
56	92	10.00	92	0.	92	0.	92	0.	0	0.	0	0.
59	92	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
61	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
64	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
66	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
69	93	20.00	93	20.00	93	20.00	92	20.00	0	0.	0	0.
72	93	30.00	93	30.00	93	30.00	93	20.00	0	0.	0	0.
74	94	50.00	94	50.00	93	40.00	93	40.00	0	0.	0	0.
77	94	70.00	94	70.00	94	60.00	93	50.00	0	0.	0	0.
79	94	80.00	93	70.00	93	60.00	92	50.00	0	0.	0	0.
82	92	80.00	92	40.00	91	30.00	91	20.00	0	0.	0	0.
84	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
87	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.

TABLE 5 VP (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
90	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
92	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
95	90	20.00	90	0.	90	0.	89	0.	0	0.	0	0.
97	93	70.00	92	60.00	91	40.00	91	30.00	0	0.	0	0.
100	94	90.00	93	70.00	93	50.00	93	50.00	0	0.	0	0.
102	94	60.00	94	60.00	93	50.00	93	50.00	0	0.	0	0.
105	94	50.00	94	50.00	93	40.00	93	40.00	0	0.	0	0.
108	94	30.00	94	30.00	93	30.00	93	30.00	0	0.	0	0.
110	94	30.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
113	93	20.00	93	20.00	93	20.00	93	10.00	0	0.	0	0.
115	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
118	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
120	93	10.00	93	10.00	93	10.00	92	0.	0	0.	0	0.
123	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
126	0	100.00	94	20.00	93	10.00	93	10.00	0	0.	0	0.
128	0	100.00	0	100.00	95	60.00	94	10.00	0	0.	0	0.
131	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
133	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
136	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
139	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
141	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
144	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
146	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
149	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
151	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
154	0	100.00	0	100.00	0	100.00	99	90.00	0	0.	0	0.
156	0	100.00	0	100.00	99	80.00	99	70.00	0	0.	0	0.
159	99	80.00	99	70.00	99	60.00	98	50.00	0	0.	0	0.
162	99	70.00	99	60.00	98	50.00	98	40.00	0	0.	0	0.
164	99	60.00	99	50.00	98	40.00	98	30.00	0	0.	0	0.
167	98	40.00	98	40.00	98	30.00	97	20.00	0	0.	0	0.
169	98	30.00	98	20.00	97	20.00	97	10.00	0	0.	0	0.
172	98	20.00	98	20.00	97	20.00	97	10.00	0	0.	0	0.
174	98	20.00	98	20.00	97	20.00	97	10.00	0	0.	0	0.

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TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
177	98	20.00	98	20.00	97	20.00	97	10.00	0	0.	0	0.
180	98	20.00	98	20.00	97	20.00	97	10.00	0	0.	0	0.
182	98	20.00	98	20.00	97	20.00	97	10.00	0	0.	0	0.
185	98	20.00	98	20.00	97	20.00	97	10.00	0	0.	0	0.
187	98	20.00	98	20.00	97	20.00	97	20.00	0	0.	0	0.
190	98	20.00	98	20.00	97	20.00	97	20.00	0	0.	0	0.
192	98	20.00	98	20.00	98	20.00	97	20.00	0	0.	0	0.
195	98	30.00	98	30.00	98	20.00	97	20.00	0	0.	0	0.
198	98	40.00	98	30.00	98	20.00	97	20.00	0	0.	0	0.
200	98	40.00	98	40.00	98	30.00	97	20.00	0	0.	0	0.
203	99	50.00	99	50.00	98	40.00	98	30.00	0	0.	0	0.
205	99	70.00	99	60.00	98	40.00	98	30.00	0	0.	0	0.
208	99	80.00	99	70.00	99	60.00	98	40.00	0	0.	0	0.
210	0	100.00	99	90.00	99	80.00	98	60.00	0	0.	0	0.
213	0	100.00	0	100.00	0	100.00	99	80.00	0	0.	0	0.
216	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
218	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
221	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
223	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
226	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
228	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
231	0	100.00	0	100.00	96	70.00	94	30.00	0	0.	0	0.
234	0	100.00	96	80.00	94	10.00	93	10.00	0	0.	0	0.
236	94	30.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
239	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
241	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
244	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
246	93	20.00	93	20.00	93	20.00	92	10.00	0	0.	0	0.
249	93	30.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
252	93	30.00	93	30.00	93	30.00	93	20.00	0	0.	0	0.
254	94	40.00	93	40.00	93	40.00	93	30.00	0	0.	0	0.
257	94	50.00	93	50.00	93	40.00	93	40.00	0	0.	0	0.
259	93	50.00	93	50.00	92	40.00	92	30.00	0	0.	0	0.
262	92	50.00	91	40.00	91	20.00	90	10.00	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
264	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
267	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
272	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
275	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
277	92	60.00	92	50.00	91	30.00	90	20.00	0	0.	0	0.
280	93	60.00	93	50.00	92	30.00	92	30.00	0	0.	0	0.
282	93	50.00	93	40.00	93	40.00	92	30.00	0	0.	0	0.
285	94	40.00	93	40.00	93	40.00	93	30.00	0	0.	0	0.
288	93	30.00	93	30.00	93	30.00	93	20.00	0	0.	0	0.
290	93	20.00	93	20.00	93	20.00	92	10.00	0	0.	0	0.
293	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
295	92	10.00	92	0.	92	0.	92	0.	0	0.	0	0.
298	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
300	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
303	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
306	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
308	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
311	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
313	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
316	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
318	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
321	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
324	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
326	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
329	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
331	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
334	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
336	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
339	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
342	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
344	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
347	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
349	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.

TABLE XVIII (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
352	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
354	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
357	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
360	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
AVERAGE SHIELDING		31.86		29.29		25.86		22.36		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		93		93		93		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE XVIII

SHIELDING OF TARGET AT POSITION C
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
4	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
6	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
9	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
11	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
13	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
15	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
18	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
20	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
22	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
24	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
27	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
29	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
31	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
33	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
36	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
38	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
40	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
42	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
45	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
47	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
49	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
51	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
54	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
56	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
58	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
60	92	10.00	92	10.00	92	0.	91	0.	0	0.	0	0.
63	92	10.00	92	10.00	92	0.	91	0.	0	0.	0	0.
65	92	10.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
67	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
69	92	20.00	92	20.00	92	10.00	92	10.00	0	0.	0	0.
72	93	20.00	92	20.00	92	20.00	92	20.00	0	0.	0	0.
74	93	30.00	93	30.00	93	30.00	92	30.00	0	0.	0	0.
76	93	50.00	93	50.00	93	40.00	93	40.00	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
78	94	80.00	94	70.00	93	60.00	93	50.00	0	0.	0	0.
81	93	70.00	93	60.00	92	60.00	92	50.00	0	0.	0	0.
83	92	70.00	92	50.00	91	30.00	91	20.00	0	0.	0	0.
85	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
87	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
92	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
94	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
96	93	90.00	92	80.00	92	60.00	91	40.00	0	0.	0	0.
99	93	70.00	93	60.00	93	60.00	92	50.00	0	0.	0	0.
101	93	60.00	93	60.00	93	50.00	93	50.00	0	0.	0	0.
103	93	40.00	93	40.00	93	40.00	93	30.00	0	0.	0	0.
105	93	40.00	93	40.00	93	30.00	93	30.00	0	0.	0	0.
108	93	20.00	93	20.00	93	20.00	92	20.00	0	0.	0	0.
110	93	20.00	93	20.00	93	20.00	92	10.00	0	0.	0	0.
112	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
114	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
117	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
119	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
121	0	100.00	94	60.00	93	10.00	93	10.00	0	0.	0	0.
123	0	100.00	0	100.00	95	70.00	93	10.00	0	0.	0	0.
126	0	100.00	0	100.00	0	100.00	96	90.00	0	0.	0	0.
128	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
130	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
132	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
135	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
137	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
139	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
141	0	100.00	0	100.00	0	100.00	98	90.00	0	0.	0	0.
144	0	100.00	0	100.00	98	90.00	98	80.00	0	0.	0	0.
146	98	90.00	98	90.00	98	70.00	97	60.00	0	0.	0	0.
148	98	80.00	98	70.00	97	60.00	97	50.00	0	0.	0	0.
150	97	50.00	97	40.00	97	30.00	96	20.00	0	0.	0	0.
153	96	10.00	96	10.00	96	10.00	95	10.00	0	0.	0	0.

TABLE 48 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
155	96	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
157	95	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
159	95	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
162	95	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
164	95	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
166	95	10.00	95	10.00	95	10.00	94	0.	0	0.	0	0.
168	95	10.00	95	10.00	94	10.00	94	0.	0	0.	0	0.
171	95	10.00	94	10.00	94	0.	94	0.	0	0.	0	0.
173	95	10.00	94	0.	94	0.	94	0.	0	0.	0	0.
175	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
177	94	10.00	94	0.	94	0.	94	0.	0	0.	0	0.
180	94	10.00	94	0.	94	0.	94	0.	0	0.	0	0.
182	94	10.00	94	0.	94	0.	94	0.	0	0.	0	0.
184	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
186	95	10.00	94	10.00	94	0.	94	0.	0	0.	0	0.
189	95	10.00	94	10.00	94	10.00	94	0.	0	0.	0	0.
191	95	10.00	95	10.00	94	10.00	94	10.00	0	0.	0	0.
193	95	10.00	95	10.00	94	10.00	94	10.00	0	0.	0	0.
195	95	10.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
198	95	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
200	95	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
202	95	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
204	97	10.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
207	96	10.00	96	10.00	96	10.00	96	10.00	0	0.	0	0.
209	96	10.00	96	10.00	96	10.00	96	10.00	0	0.	0	0.
211	97	20.00	96	10.00	96	10.00	96	10.00	0	0.	0	0.
213	97	40.00	97	40.00	97	30.00	96	20.00	0	0.	0	0.
216	98	70.00	98	60.00	97	50.00	97	40.00	0	0.	0	0.
218	98	90.00	98	80.00	98	70.00	97	60.00	0	0.	0	0.
220	0	100.00	0	100.00	98	90.00	98	80.00	0	0.	0	0.
222	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
225	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
227	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
229	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE 48 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
231	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
234	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
236	0	100.00	0	100.00	95	80.00	94	40.00	0	0.	0	0.
238	0	100.00	0	100.00	94	50.00	93	10.00	0	0.	0	0.
240	95	80.00	93	30.00	93	10.00	93	10.00	0	0.	0	0.
243	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
245	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
247	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
249	93	20.00	93	20.00	92	20.00	92	20.00	0	0.	0	0.
252	93	30.00	93	30.00	92	20.00	92	20.00	0	0.	0	0.
254	93	40.00	93	30.00	93	30.00	93	30.00	0	0.	0	0.
256	93	40.00	93	40.00	93	30.00	92	30.00	0	0.	0	0.
258	93	50.00	93	50.00	93	40.00	92	40.00	0	0.	0	0.
261	0	100.00	93	70.00	92	50.00	92	40.00	0	0.	0	0.
263	91	30.00	90	20.00	90	0.	90	0.	0	0.	0	0.
265	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
267	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
272	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
274	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
276	92	60.00	91	50.00	91	30.00	90	10.00	0	0.	0	0.
279	92	60.00	92	50.00	92	40.00	91	30.00	0	0.	0	0.
281	93	50.00	93	50.00	92	40.00	92	30.00	0	0.	0	0.
283	93	40.00	93	40.00	93	30.00	92	30.00	0	0.	0	0.
285	93	40.00	93	30.00	93	30.00	92	30.00	0	0.	0	0.
288	93	20.00	92	20.00	92	20.00	92	10.00	0	0.	0	0.
290	92	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
292	92	10.00	92	10.00	92	0.	91	0.	0	0.	0	0.
294	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
297	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
299	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
301	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
303	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
306	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
308	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
310	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
312	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
315	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
317	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
319	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
321	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
324	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
326	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
328	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
330	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
333	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
335	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
337	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
339	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
342	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
344	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
346	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
348	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
351	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
353	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
355	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
357	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
360	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
AVERAGE SHIELDING		25.94		23.94		20.56		17.94		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		93		92		92		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8
SHIELDING OF TARGET AT POSITION D
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
18	105	50.00	103	40.00	100	30.00	96	20.00	0	0.	0	0.
36	94	30.00	94	10.00	92	0.	91	0.	0	0.	0	0.
54	91	0.	90	0.	89	0.	88	0.	0	0.	0	0.
72	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
90	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
108	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
126	92	0.	91	0.	90	0.	88	0.	0	0.	0	0.
144	101	40.00	97	20.00	94	10.00	93	0.	0	0.	0	0.
162	106	50.00	104	40.00	101	30.00	96	10.00	0	0.	0	0.
180	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
198	106	50.00	103	40.00	100	30.00	96	10.00	0	0.	0	0.
216	101	40.00	97	20.00	94	10.00	92	0.	0	0.	0	0.
234	92	0.	91	0.	89	0.	88	0.	0	0.	0	0.
252	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
270	90	0.	89	0.	88	0.	87	0.	0	0.	0	0.
288	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
306	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
324	102	50.00	98	30.00	94	10.00	92	0.	0	0.	0	0.
342	105	50.00	105	50.00	100	30.00	97	20.00	0	0.	0	0.
360	108	60.00	105	50.00	103	40.00	99	30.00	0	0.	0	0.
AVERAGE SHIELDING		21.00		15.00		9.50		4.50		0.		0.
AVERAGE TARGET CONTACT ANGLE		97		95		93		91		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE NO 4

TABLE NO (Cont.)

TABLE 3
SHIELDING OF TARGET AT POSITION D
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
9	103	40.00	102	40.00	101	30.00	100	30.00	0	0.	0	0.
18	103	40.00	102	40.00	101	30.00	100	30.00	0	0.	0	0.
27	102	40.00	102	40.00	100	30.00	100	30.00	0	0.	0	0.
36	103	50.00	102	50.00	101	40.00	100	40.00	0	0.	0	0.
45	102	60.00	101	50.00	99	40.00	99	40.00	0	0.	0	0.
54	101	70.00	100	60.00	99	50.00	97	40.00	0	0.	0	0.
63	0	100.00	97	60.00	94	30.00	92	10.00	0	0.	0	0.
72	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
81	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
99	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
108	91	10.00	91	0.	90	0.	89	0.	0	0.	0	0.
117	99	70.00	98	60.00	96	40.00	93	20.00	0	0.	0	0.
126	101	60.00	101	60.00	99	50.00	98	40.00	0	0.	0	0.
135	103	60.00	102	50.00	101	40.00	100	40.00	0	0.	0	0.
144	105	60.00	104	50.00	103	50.00	102	40.00	0	0.	0	0.
153	104	40.00	103	40.00	103	40.00	101	30.00	0	0.	0	0.
162	104	40.00	103	40.00	102	30.00	101	30.00	0	0.	0	0.
171	104	40.00	103	40.00	102	30.00	101	30.00	0	0.	0	0.
180	104	40.00	103	40.00	102	30.00	101	30.00	0	0.	0	0.
189	104	40.00	103	40.00	102	30.00	101	30.00	0	0.	0	0.
198	103	40.00	102	30.00	101	30.00	101	30.00	0	0.	0	0.
207	103	40.00	103	40.00	101	30.00	100	30.00	0	0.	0	0.
216	103	50.00	103	50.00	102	40.00	100	30.00	0	0.	0	0.
225	103	60.00	102	50.00	100	40.00	100	40.00	0	0.	0	0.
234	101	60.00	100	50.00	99	50.00	98	40.00	0	0.	0	0.
243	98	60.00	97	50.00	95	30.00	92	10.00	0	0.	0	0.
252	91	10.00	91	0.	90	0.	89	0.	0	0.	0	0.
261	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
279	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
288	92	20.00	91	0.	90	0.	89	0.	0	0.	0	0.
297	99	70.00	97	50.00	95	30.00	93	20.00	0	0.	0	0.
306	102	70.00	101	60.00	100	60.00	99	50.00	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
315	104	70.00	103	60.00	102	50.00	101	50.00	0	0.	0	0.
324	105	60.00	104	60.00	103	50.00	102	50.00	0	0.	0	0.
333	104	50.00	103	40.00	102	40.00	101	30.00	0	0.	0	0.
342	103	40.00	103	40.00	102	40.00	101	30.00	0	0.	0	0.
351	103	40.00	103	40.00	102	40.00	101	30.00	0	0.	0	0.
360	103	40.00	103	40.00	102	40.00	101	30.00	0	0.	0	0.
AVERAGE SHIELDING		41.00		35.50		29.00		24.50		0.		0.
AVERAGE TARGET CONTACT ANGLE		100		99		98		97		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE I

SHIELDING OF TARGET AT POSITION D
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
6	97	20.00	96	20.00	95	10.00	95	10.00	0	0.	0	0.
12	97	20.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
18	97	20.00	96	20.00	95	10.00	95	10.00	0	0.	0	0.
24	97	20.00	97	20.00	96	10.00	95	10.00	0	0.	0	0.
30	97	20.00	97	20.00	96	20.00	95	10.00	0	0.	0	0.
36	98	30.00	97	20.00	96	20.00	96	20.00	0	0.	0	0.
42	98	30.00	98	30.00	97	30.00	96	20.00	0	0.	0	0.
48	98	40.00	97	30.00	97	30.00	97	30.00	0	0.	0	0.
54	99	50.00	98	40.00	97	40.00	96	30.00	0	0.	0	0.
60	98	60.00	98	50.00	97	40.00	96	40.00	0	0.	0	0.
66	98	80.00	97	70.00	96	50.00	95	40.00	0	0.	0	0.
72	97	90.00	95	60.00	93	30.00	91	10.00	0	0.	0	0.
78	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
84	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
96	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
102	90	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
108	96	70.00	95	50.00	94	40.00	93	30.00	0	0.	0	0.
114	98	70.00	97	60.00	96	50.00	95	40.00	0	0.	0	0.
120	100	60.00	99	60.00	98	50.00	98	50.00	0	0.	0	0.
126	100	50.00	100	50.00	98	40.00	98	40.00	0	0.	0	0.
132	99	40.00	99	40.00	98	30.00	98	30.00	0	0.	0	0.
138	99	30.00	99	30.00	98	30.00	98	30.00	0	0.	0	0.
144	99	30.00	98	20.00	98	20.00	97	20.00	0	0.	0	0.
150	99	20.00	98	20.00	98	20.00	97	20.00	0	0.	0	0.
156	98	20.00	98	20.00	98	20.00	97	10.00	0	0.	0	0.
162	98	20.00	98	20.00	97	10.00	97	10.00	0	0.	0	0.
168	98	20.00	98	20.00	97	10.00	96	10.00	0	0.	0	0.
174	98	20.00	98	20.00	97	10.00	96	10.00	0	0.	0	0.
180	98	20.00	97	10.00	97	10.00	96	10.00	0	0.	0	0.
186	98	20.00	98	20.00	97	10.00	96	10.00	0	0.	0	0.
192	98	20.00	98	20.00	97	10.00	96	10.00	0	0.	0	0.
198	98	20.00	98	20.00	97	10.00	96	10.00	0	0.	0	0.
204	98	20.00	98	20.00	97	20.00	96	10.00	0	0.	0	0.

TABLE 49 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
210	98	20.00	98	20.00	97	20.00	96	10.00	0	0.	0	0.
216	98	20.00	98	20.00	97	20.00	97	20.00	0	0.	0	0.
222	98	30.00	98	30.00	98	30.00	97	20.00	0	0.	0	0.
228	99	40.00	98	30.00	98	30.00	97	20.00	0	0.	0	0.
234	99	50.00	98	40.00	98	40.00	97	30.00	0	0.	0	0.
240	99	60.00	98	50.00	98	50.00	97	40.00	0	0.	0	0.
246	97	60.00	97	60.00	96	50.00	95	40.00	0	0.	0	0.
252	95	60.00	94	40.00	93	30.00	92	20.00	0	0.	0	0.
258	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
264	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	89	0.	89	0.	88	0.	0	0.	0	0.
276	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
282	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
288	95	50.00	94	40.00	93	20.00	91	10.00	0	0.	0	0.
294	98	70.00	97	60.00	96	50.00	95	40.00	0	0.	0	0.
300	100	70.00	99	60.00	99	60.00	98	50.00	0	0.	0	0.
306	99	50.00	99	50.00	99	50.00	98	40.00	0	0.	0	0.
312	99	40.00	99	40.00	98	40.00	97	30.00	0	0.	0	0.
318	99	40.00	99	40.00	98	30.00	97	30.00	0	0.	0	0.
324	99	30.00	98	30.00	97	20.00	97	20.00	0	0.	0	0.
330	98	20.00	97	20.00	97	20.00	97	20.00	0	0.	0	0.
336	97	20.00	97	20.00	96	20.00	95	10.00	0	0.	0	0.
342	97	20.00	97	20.00	96	10.00	95	10.00	0	0.	0	0.
348	97	20.00	96	20.00	95	10.00	95	10.00	0	0.	0	0.
354	97	20.00	96	20.00	95	10.00	95	10.00	0	0.	0	0.
360	97	20.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
AVERAGE SHIELDING		30.83		26.83		21.83		18.00		0.		0.
AVERAGE TARGET CONTACT ANGLE		97		96		95		95		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8

SHIELDING OF TARGET AT POSITION D
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
4	94	10.00	94	10.00	93	0.	93	0.	0	0.	0	0.
9	94	10.00	94	10.00	93	0.	93	0.	0	0.	0	0.
13	94	10.00	94	10.00	93	0.	93	0.	0	0.	0	0.
18	94	10.00	94	10.00	93	0.	93	0.	0	0.	0	0.
22	94	10.00	94	10.00	93	0.	93	0.	0	0.	0	0.
27	94	10.00	94	10.00	93	0.	93	0.	0	0.	0	0.
31	94	10.00	94	10.00	93	10.00	93	0.	0	0.	0	0.
36	94	10.00	94	10.00	93	10.00	93	0.	0	0.	0	0.
40	94	10.00	94	10.00	94	10.00	93	10.00	0	0.	0	0.
45	95	20.00	95	20.00	94	10.00	94	10.00	0	0.	0	0.
49	95	20.00	95	20.00	95	20.00	94	20.00	0	0.	0	0.
54	96	30.00	96	30.00	95	20.00	94	20.00	0	0.	0	0.
58	96	40.00	96	40.00	95	30.00	95	30.00	0	0.	0	0.
63	97	50.00	96	40.00	96	40.00	95	40.00	0	0.	0	0.
67	96	60.00	96	50.00	95	50.00	95	40.00	0	0.	0	0.
72	96	70.00	95	60.00	94	50.00	94	40.00	0	0.	0	0.
76	0	100.00	94	70.00	93	40.00	91	20.00	0	0.	0	0.
81	91	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
85	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
94	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
99	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
103	94	60.00	93	50.00	92	30.00	91	20.00	0	0.	0	0.
108	96	60.00	96	60.00	95	50.00	94	40.00	0	0.	0	0.
112	97	60.00	96	50.00	96	50.00	95	40.00	0	0.	0	0.
117	97	50.00	97	50.00	96	40.00	96	40.00	0	0.	0	0.
121	97	40.00	97	40.00	96	40.00	96	30.00	0	0.	0	0.
126	97	30.00	96	30.00	96	30.00	95	20.00	0	0.	0	0.
130	96	20.00	96	20.00	96	20.00	95	20.00	0	0.	0	0.
135	96	20.00	96	20.00	96	20.00	95	10.00	0	0.	0	0.
139	95	10.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
144	95	10.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
148	95	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
153	96	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
157	96	10.00	98	10.00	95	10.00	95	10.00	0	0.	0	0.
162	96	10.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
166	96	10.00	98	10.00	96	10.00	95	10.00	0	0.	0	0.
171	100	80.00	97	10.00	96	10.00	96	10.00	0	0.	0	0.
175	0	100.00	97	20.00	96	10.00	96	10.00	0	0.	0	0.
180	0	100.00	99	60.00	97	10.00	96	10.00	0	0.	0	0.
184	0	100.00	98	30.00	97	10.00	96	10.00	0	0.	0	0.
189	100	70.00	98	20.00	97	10.00	96	10.00	0	0.	0	0.
193	98	30.00	97	20.00	97	10.00	96	10.00	0	0.	0	0.
198	97	10.00	97	10.00	96	10.00	96	10.00	0	0.	0	0.
202	97	10.00	96	10.00	96	10.00	96	10.00	0	0.	0	0.
207	96	10.00	96	10.00	96	10.00	95	10.00	0	0.	0	0.
211	96	10.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
216	96	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
220	95	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
225	96	20.00	96	20.00	95	10.00	94	10.00	0	0.	0	0.
229	96	20.00	96	20.00	95	20.00	95	20.00	0	0.	0	0.
234	96	30.00	96	30.00	95	20.00	95	20.00	0	0.	0	0.
238	97	40.00	96	40.00	96	30.00	95	30.00	0	0.	0	0.
243	97	50.00	96	40.00	96	40.00	95	30.00	0	0.	0	0.
247	96	50.00	96	50.00	95	40.00	95	40.00	0	0.	0	0.
252	95	60.00	95	50.00	94	40.00	93	30.00	0	0.	0	0.
256	95	80.00	93	50.00	92	30.00	91	20.00	0	0.	0	0.
261	90	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
265	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
274	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
279	91	20.00	90	0.	90	0.	89	0.	0	0.	0	0.
283	94	70.00	93	40.00	92	20.00	91	10.00	0	0.	0	0.
288	95	50.00	94	40.00	94	30.00	93	30.00	0	0.	0	0.
292	96	50.00	96	40.00	95	40.00	94	30.00	0	0.	0	0.
297	97	50.00	96	40.00	96	40.00	96	40.00	0	0.	0	0.
301	97	40.00	97	40.00	96	40.00	95	30.00	0	0.	0	0.
306	96	30.00	96	30.00	96	30.00	95	30.00	8	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
310	95	20.00	95	20.00	95	20.00	95	20.00	0	0.	0	0.
315	95	20.00	95	20.00	95	20.00	94	10.00	0	0.	0	0.
319	94	10.00	94	10.00	94	10.00	93	10.00	0	0.	0	0.
324	94	10.00	94	10.00	94	10.00	93	10.00	0	0.	0	0.
328	94	10.00	94	10.00	93	10.00	93	0.	0	0.	0	0.
333	94	10.00	94	10.00	93	10.00	93	0.	0	0.	0	0.
337	94	10.00	94	10.00	93	10.00	93	0.	0	0.	0	0.
342	94	10.00	94	10.00	93	0.	93	0.	0	0.	0	0.
346	94	10.00	94	10.00	93	0.	93	0.	0	0.	0	0.
351	94	10.00	94	10.00	93	0.	93	0.	0	0.	0	0.
355	94	10.00	94	10.00	93	0.	93	0.	0	0.	0	0.
360	94	10.00	94	10.00	93	0.	93	0.	0	0.	0	0.
AVERAGE SHIELDING		28.25		21.25		16.00		13.25		0.		0.
AVERAGE TARGET CONTACT ANGLE		95		95		94		94		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE X

SHIELDING OF TARGET AT POSITION D

RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
7	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
10	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
14	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
18	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
21	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
25	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
28	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
32	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
36	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
39	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
43	93	10.00	93	10.00	93	10.00	92	0.	0	0.	0	0.
46	93	10.00	93	10.00	93	10.00	92	0.	0	0.	0	0.
50	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
54	94	20.00	94	20.00	93	10.00	93	10.00	0	0.	0	0.
57	94	20.00	94	20.00	94	20.00	93	20.00	0	0.	0	0.
61	95	30.00	94	30.00	94	20.00	94	20.00	0	0.	0	0.
64	95	40.00	94	30.00	94	30.00	94	30.00	0	0.	0	0.
68	95	50.00	95	50.00	95	40.00	94	40.00	0	0.	0	0.
72	96	70.00	95	60.00	95	50.00	94	50.00	0	0.	0	0.
75	95	90.00	95	80.00	94	60.00	93	50.00	0	0.	0	0.
79	94	80.00	93	60.00	92	40.00	91	20.00	0	0.	0	0.
82	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
86	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
93	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
97	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
100	94	70.00	93	60.00	92	40.00	91	30.00	0	0.	0	0.
104	95	80.00	95	70.00	94	60.00	94	50.00	0	0.	0	0.
108	96	60.00	96	60.00	95	50.00	94	40.00	0	0.	0	0.
111	95	50.00	96	50.00	95	40.00	95	40.00	0	0.	0	0.
115	95	40.00	95	40.00	95	40.00	95	30.00	0	0.	0	0.
118	95	30.00	95	30.00	95	30.00	95	30.00	0	0.	0	0.
122	95	30.00	95	30.00	95	20.00	94	20.00	0	0.	0	0.

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
126	95	20.00	94	20.00	94	10.00	94	10.00	0	0.	0	0.
129	94	10.00	94	10.00	94	10.00	93	10.00	0	0.	0	0.
133	94	10.00	94	10.00	94	10.00	93	10.00	0	0.	0	0.
136	94	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
140	95	10.00	95	10.00	94	10.00	94	10.00	0	0.	0	0.
144	0	100.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
147	0	100.00	0	100.00	0	100.00	97	40.00	0	0.	0	0.
151	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
154	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
158	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
162	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
165	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
169	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
172	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
176	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
180	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
183	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
187	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
190	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
194	0	100.00	0	100.00	0	100.00	100	70.00	0	0.	0	0.
198	0	100.00	0	100.00	0	100.00	100	70.00	0	0.	0	0.
201	0	100.00	0	100.00	99	70.00	98	30.00	0	0.	0	0.
205	0	100.00	0	100.00	98	50.00	97	30.00	0	0.	0	0.
208	0	100.00	0	100.00	97	30.00	96	10.00	0	0.	0	0.
212	99	90.00	97	30.00	96	10.00	96	10.00	0	0.	0	0.
216	97	40.00	96	10.00	96	10.00	95	10.00	0	0.	0	0.
219	95	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
223	95	10.00	95	10.00	94	10.00	94	10.00	0	0.	0	0.
226	95	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
230	94	10.00	94	10.00	94	10.00	93	10.00	0	0.	0	0.
234	94	20.00	94	20.00	94	10.00	93	10.00	0	0.	0	0.
237	94	20.00	94	20.00	94	20.00	94	20.00	0	0.	0	0.
241	95	30.00	95	30.00	94	20.00	94	20.00	0	0.	0	0.
244	95	40.00	95	40.00	94	30.00	94	30.00	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT. ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
248	95	40.00	95	40.00	95	40.00	94	30.00	0	0.	0	0.
252	95	60.00	95	50.00	95	50.00	94	40.00	0	0.	0	0.
255	95	70.00	94	60.00	94	50.00	93	40.00	0	0.	0	0.
259	94	70.00	93	60.00	92	40.00	91	30.00	0	0.	0	0.
262	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
266	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
273	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
277	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
280	93	60.00	93	50.00	92	40.00	91	20.00	0	0.	0	0.
284	94	60.00	94	50.00	93	40.00	92	30.00	0	0.	0	0.
288	95	50.00	94	40.00	94	40.00	93	30.00	0	0.	0	0.
291	95	40.00	95	40.00	95	40.00	94	30.00	0	0.	0	0.
295	95	40.00	95	40.00	94	30.00	94	30.00	0	0.	0	0.
298	95	30.00	95	30.00	95	30.00	94	20.00	0	0.	0	0.
302	94	20.00	94	20.00	94	20.00	94	20.00	0	0.	0	0.
306	94	20.00	94	20.00	93	10.00	93	10.00	0	0.	0	0.
309	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
313	93	10.00	93	10.00	93	10.00	92	0.	0	0.	0	0.
316	93	10.00	93	10.00	93	10.00	92	0.	0	0.	0	0.
320	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
324	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
327	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
331	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
334	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
338	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
342	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
345	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
349	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
352	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
356	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
360	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
AVERAGE SHIELDING		36.20		33.10		28.90		24.80		0.		0.
AVERAGE TARGET CONTACT ANGLE		94		93		93		93		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 8

SHIELDING OF TARGET AT POSITION D

RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
6	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
9	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
12	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
15	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
18	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
21	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
24	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
27	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
30	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
33	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
36	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
39	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
42	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
45	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
48	92	10.00	92	0.	92	0.	92	0.	0	0.	0	0.
51	93	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
54	93	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
57	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
60	93	20.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
63	93	20.00	93	20.00	93	20.00	92	10.00	0	0.	0	0.
66	94	30.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
69	94	40.00	94	30.00	93	30.00	93	30.00	0	0.	0	0.
72	94	50.00	94	50.00	94	40.00	94	40.00	0	0.	0	0.
75	95	80.00	95	70.00	94	60.00	94	60.00	0	0.	0	0.
78	94	80.00	94	70.00	93	60.00	93	50.00	0	0.	0	0.
81	93	60.00	92	40.00	91	20.00	91	20.00	0	0.	0	0.
84	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
87	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
93	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
96	90	20.00	90	0.	90	0.	89	0.	0	0.	0	0.
99	93	80.00	93	60.00	92	50.00	91	30.00	0	0.	0	0.
102	95	90.00	94	70.00	93	50.00	93	50.00	0	0.	0	0.

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
105	95	60.00	95	60.00	94	50.00	94	50.00	0	0.	0	0.
108	95	50.00	94	40.00	94	40.00	94	40.00	0	0.	0	0.
111	93	40.00	94	40.00	94	30.00	94	30.00	0	0.	0	0.
114	94	30.00	94	30.00	94	30.00	94	30.00	0	0.	0	0.
117	94	30.00	94	20.00	94	20.00	93	20.00	0	0.	0	0.
120	94	20.00	94	20.00	93	20.00	93	10.00	0	0.	0	0.
123	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
126	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
129	94	10.00	94	10.00	93	10.00	93	10.00	0	0.	0	0.
132	94	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
135	0	100.00	0	100.00	95	30.00	94	10.00	0	0.	0	0.
138	0	100.00	0	100.00	0	100.00	96	50.00	0	0.	0	0.
141	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
144	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
147	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
150	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
153	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
156	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
159	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
162	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
165	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
168	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
171	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
174	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
177	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
180	0	100.00	0	100.00	0	100.00	101	90.00	0	0.	0	0.
183	0	100.00	0	100.00	0	100.00	100	80.00	0	0.	0	0.
186	0	100.00	0	100.00	101	90.00	100	80.00	0	0.	0	0.
189	0	100.00	0	100.00	101	90.00	100	70.00	0	0.	0	0.
192	0	100.00	0	100.00	101	90.00	100	70.00	0	0.	0	0.
195	0	100.00	0	100.00	0	100.00	100	80.00	0	0.	0	0.
198	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
201	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
204	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
207	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
210	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
213	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
216	0	100.00	0	100.00	0	100.00	98	70.00	0	0.	0	0.
219	0	100.00	0	100.00	97	60.00	96	30.00	0	0.	0	0.
222	0	100.00	97	60.00	96	20.00	95	20.00	0	0.	0	0.
225	97	70.00	96	30.00	95	10.00	94	10.00	0	0.	0	0.
228	96	60.00	95	20.00	94	10.00	94	10.00	0	0.	0	0.
231	94	10.00	94	10.00	94	10.00	93	10.00	0	0.	0	0.
234	94	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
237	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
240	93	20.00	93	20.00	93	10.00	93	10.00	0	0.	0	0.
243	94	20.00	93	20.00	93	20.00	93	10.00	0	0.	0	0.
246	94	30.00	94	30.00	93	20.00	93	20.00	0	0.	0	0.
249	94	40.00	94	30.00	94	30.00	93	30.00	0	0.	0	0.
252	94	40.00	94	40.00	93	30.00	93	30.00	0	0.	0	0.
255	94	60.00	94	50.00	94	50.00	93	40.00	0	0.	0	0.
258	94	60.00	93	60.00	93	50.00	92	40.00	0	0.	0	0.
261	93	70.00	92	50.00	92	40.00	91	20.00	0	0.	0	0.
264	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
267	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
273	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
276	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
279	92	60.00	92	40.00	91	20.00	91	20.00	0	0.	0	0.
282	93	60.00	93	50.00	93	50.00	92	40.00	0	0.	0	0.
285	94	60.00	94	50.00	93	40.00	93	30.00	0	0.	0	0.
288	94	40.00	94	30.00	93	30.00	93	30.00	0	0.	0	0.
291	94	30.00	94	30.00	94	30.00	93	20.00	0	0.	0	0.
294	94	30.00	94	30.00	93	20.00	93	20.00	0	0.	0	0.
297	93	20.00	93	20.00	93	20.00	92	10.00	0	0.	0	0.
300	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
303	93	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
306	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.

K9

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
309	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
312	92	10.00	92	0.	92	0.	92	0.	0	0.	0	0.
315	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
318	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
321	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
324	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
327	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
330	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
333	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
336	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
339	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
342	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
345	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
348	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
351	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
354	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
357	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
360	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
AVERAGE SHIELDING		39.50		36.33		32.75		29.67		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		93		93		93		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8 K9

SHIELDING OF TARGET AT POSITION D
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
5	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
7	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
10	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
12	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
15	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
18	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
20	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
23	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
25	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
28	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
30	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
33	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
36	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
38	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
41	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
43	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
46	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
48	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
51	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
54	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
56	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
59	92	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
61	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
64	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
66	93	20.00	93	20.00	92	20.00	92	10.00	0	0.	0	0.
69	93	20.00	93	20.00	93	20.00	92	20.00	0	0.	0	0.
72	93	30.00	93	30.00	93	30.00	92	20.00	0	0.	0	0.
74	94	50.00	94	50.00	93	40.00	93	40.00	0	0.	0	0.
77	94	70.00	94	70.00	94	60.00	93	50.00	0	0.	0	0.
79	93	70.00	93	60.00	93	50.00	92	40.00	0	0.	0	0.
82	92	70.00	92	60.00	91	40.00	91	20.00	0	0.	0	0.
84	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
87	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
90	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
92	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
95	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
97	93	90.00	93	80.00	92	60.00	91	40.00	0	0.	0	0.
100	94	80.00	93	70.00	93	60.00	92	50.00	0	0.	0	0.
102	94	60.00	94	60.00	93	50.00	93	50.00	0	0.	0	0.
105	94	50.00	94	50.00	93	40.00	93	40.00	0	0.	0	0.
108	94	40.00	93	30.00	93	30.00	93	30.00	0	0.	0	0.
110	94	30.00	93	30.00	93	30.00	93	20.00	0	0.	0	0.
113	93	20.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
115	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
118	93	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
120	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
123	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
126	0	100.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
128	0	100.00	0	100.00	95	40.00	94	10.00	0	0.	0	0.
131	0	100.00	0	100.00	0	100.00	96	90.00	0	0.	0	0.
133	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
136	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
138	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
141	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
144	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
146	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
149	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
151	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
154	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
156	0	100.00	0	100.00	0	100.00	99	90.00	0	0.	0	0.
159	0	100.00	0	100.00	99	80.00	99	70.00	0	0.	0	0.
162	0	100.00	100	90.00	99	80.00	99	70.00	0	0.	0	0.
164	100	90.00	99	80.00	99	70.00	98	60.00	0	0.	0	0.
167	99	70.00	99	60.00	98	50.00	98	40.00	0	0.	0	0.
169	98	50.00	98	50.00	98	40.00	97	30.00	0	0.	0	0.
172	98	40.00	98	30.00	97	20.00	97	10.00	0	0.	0	0.
174	98	30.00	97	20.00	97	20.00	97	10.00	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
177	98	30.00	97	20.00	97	10.00	97	10.00	0	0.	0	0.
180	98	20.00	97	20.00	97	10.00	97	10.00	0	0.	0	0.
182	98	20.00	98	20.00	97	10.00	97	10.00	0	0.	0	0.
185	98	20.00	98	20.00	97	10.00	97	10.00	0	0.	0	0.
187	98	20.00	98	20.00	97	20.00	97	10.00	0	0.	0	0.
190	98	20.00	98	20.00	97	20.00	97	10.00	0	0.	0	0.
192	98	30.00	98	20.00	98	20.00	97	10.00	0	0.	0	0.
195	98	30.00	98	30.00	98	20.00	97	10.00	0	0.	0	0.
198	98	40.00	98	30.00	98	20.00	97	10.00	0	0.	0	0.
200	98	40.00	98	40.00	98	30.00	97	20.00	0	0.	0	0.
203	99	60.00	99	50.00	98	40.00	98	30.00	0	0.	0	0.
205	99	70.00	99	60.00	98	40.00	98	40.00	0	0.	0	0.
208	99	80.00	99	70.00	99	60.00	98	40.00	0	0.	0	0.
210	0	100.00	99	70.00	99	70.00	98	60.00	0	0.	0	0.
213	0	100.00	0	100.00	99	90.00	98	70.00	0	0.	0	0.
216	0	100.00	0	100.00	0	100.00	99	90.00	0	0.	0	0.
218	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
221	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
223	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
226	0	100.00	0	100.00	0	100.00	97	80.00	0	0.	0	0.
228	0	100.00	0	100.00	0	100.00	96	70.00	0	0.	0	0.
231	0	100.00	0	100.00	95	50.00	94	10.00	0	0.	0	0.
234	0	100.00	96	80.00	94	20.00	93	10.00	0	0.	0	0.
236	94	30.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
239	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
241	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
244	93	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
246	93	20.00	93	20.00	93	20.00	92	10.00	0	0.	0	0.
249	93	30.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
252	93	30.00	93	30.00	93	30.00	93	30.00	0	0.	0	0.
254	93	40.00	93	40.00	93	40.00	93	30.00	0	0.	0	0.
257	94	60.00	93	50.00	93	50.00	93	40.00	0	0.	0	0.
259	93	60.00	93	50.00	92	50.00	92	40.00	0	0.	0	0.
262	92	70.00	92	60.00	91	40.00	91	20.00	0	0.	0	0.

TABLE X9 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
264	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
267	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
272	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
275	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
277	92	70.00	93	50.00	91	30.00	90	10.00	0	0.	0	0.
280	93	40.00	93	50.00	92	40.00	92	40.00	0	0.	0	0.
282	94	60.00	93	50.00	93	50.00	93	40.00	0	0.	0	0.
285	93	40.00	93	40.00	93	30.00	93	30.00	0	0.	0	0.
288	93	30.00	93	30.00	93	20.00	93	20.00	0	0.	0	0.
290	93	20.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
293	93	20.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
295	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
298	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
300	92	10.00	92	10.00	92	10.00	91	0.	0	0.	0	0.
303	92	10.00	92	10.00	92	0.	91	0.	0	0.	0	0.
306	92	10.00	92	0.	92	0.	91	0.	0	0.	0	0.
308	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
311	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
313	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
316	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
318	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
321	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
324	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
326	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
329	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
331	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
334	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
336	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
339	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
342	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
344	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
347	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
349	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
352	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
354	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
357	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
360	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
AVERAGE SHIELDING		34.07		31.21		27.07		23.07		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		93		93		93		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8

SHIELDING OF TARGET AT POSITION D

RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	92	0.	91	0.	91	0.	91	0.	8	0.	0	0.
4	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
6	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
9	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
11	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
13	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
15	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
18	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
20	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
22	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
24	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
27	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
29	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
31	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
33	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
36	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
38	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
40	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
42	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
45	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
47	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
49	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
51	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
54	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
56	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
58	92	10.00	92	0.	91	0.	91	0.	0	0.	0	0.
60	92	10.00	92	10.00	91	0.	91	0.	0	0.	0	0.
63	92	10.00	92	10.00	91	10.00	91	0.	0	0.	0	0.
65	92	10.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
67	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
69	92	20.00	92	20.00	92	10.00	92	10.00	0	0.	0	0.
72	92	20.00	92	20.00	92	20.00	92	20.00	0	0.	0	0.
74	93	40.00	93	30.00	92	30.00	92	30.00	0	0.	0	0.
76	93	50.00	93	40.00	93	40.00	93	40.00	0	0.	0	0.

TABLE 49 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
78	94	70.00	93	60.00	93	50.00	93	50.00	0	0.	0	0.
81	93	60.00	93	60.00	92	40.00	92	30.00	0	0.	0	0.
83	92	70.00	92	60.00	91	40.00	91	30.00	0	0.	0	0.
85	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
87	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
92	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
94	90	20.00	90	0.	90	0.	89	0.	0	0.	0	0.
96	92	80.00	92	70.00	91	50.00	91	40.00	0	0.	0	0.
99	93	80.00	93	70.00	93	60.00	92	50.00	0	0.	0	0.
101	93	60.00	93	60.00	93	50.00	93	50.00	0	0.	0	0.
103	93	50.00	93	40.00	93	40.00	93	40.00	0	0.	0	0.
105	93	40.00	93	40.00	93	30.00	93	30.00	0	0.	0	0.
108	93	30.00	93	30.00	93	20.00	92	20.00	0	0.	0	0.
110	93	20.00	93	20.00	93	20.00	92	20.00	0	0.	0	0.
112	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
114	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
117	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
119	94	60.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
121	0	100.00	95	90.00	93	10.00	93	10.00	0	0.	0	0.
123	0	100.00	0	100.00	95	70.00	93	10.00	0	0.	0	0.
126	0	100.00	0	100.00	0	100.00	95	90.00	0	0.	0	0.
128	0	100.00	0	100.00	0	100.00	96	80.00	0	0.	0	0.
130	0	100.00	0	100.00	0	100.00	96	90.00	0	0.	0	0.
132	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
135	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
137	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
139	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
141	0	100.00	0	100.00	0	100.00	98	90.00	0	0.	0	0.
144	0	100.00	0	100.00	98	80.00	97	70.00	0	0.	0	0.
145	98	90.00	98	80.00	98	70.00	97	60.00	0	0.	0	0.
148	98	70.00	98	60.00	97	50.00	97	40.00	0	0.	0	0.
150	97	40.00	97	40.00	96	30.00	96	20.00	0	0.	0	0.
153	96	10.00	96	10.00	96	10.00	95	10.00	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
155	96	10.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
157	95	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
159	95	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
162	95	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
164	95	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
166	95	10.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
168	95	10.00	95	10.00	95	10.00	94	0.	0	0.	0	0.
171	95	10.00	95	10.00	94	0.	94	0.	0	0.	0	0.
173	95	10.00	94	10.00	94	0.	94	0.	0	0.	0	0.
175	94	10.00	94	0.	94	0.	94	0.	0	0.	0	0.
177	94	10.00	94	0.	94	0.	94	0.	0	0.	0	0.
180	94	10.00	94	0.	94	0.	94	0.	0	0.	0	0.
182	94	10.00	94	0.	94	0.	94	0.	0	0.	0	0.
184	94	10.00	94	0.	94	0.	94	0.	0	0.	0	0.
186	94	10.00	94	10.00	94	0.	94	0.	0	0.	0	0.
189	95	10.00	94	10.00	94	0.	94	0.	0	0.	0	0.
191	95	10.00	95	10.00	94	0.	94	0.	0	0.	0	0.
193	95	10.00	95	10.00	94	10.00	94	10.00	0	0.	0	0.
195	95	10.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
198	95	10.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
200	95	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
202	95	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
204	96	10.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
207	96	10.00	96	10.00	96	10.00	96	10.00	0	0.	0	0.
209	96	10.00	96	10.00	96	10.00	96	10.00	0	0.	0	0.
211	97	20.00	97	20.00	96	10.00	96	10.00	0	0.	0	0.
213	97	30.00	97	30.00	96	20.00	96	10.00	0	0.	0	0.
216	97	50.00	97	50.00	97	40.00	97	30.00	0	0.	0	0.
218	98	80.00	98	70.00	97	50.00	97	40.00	0	0.	0	0.
220	0	100.00	98	90.00	98	70.00	97	60.00	0	0.	0	0.
222	0	100.00	0	100.00	0	100.00	98	80.00	0	0.	0	0.
225	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
227	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
229	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE 49 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
231	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
234	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
236	0	100.00	0	100.00	95	90.00	94	50.00	0	0.	0	0.
238	0	100.00	0	100.00	94	40.00	93	10.00	0	0.	0	0.
240	94	60.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
243	93	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
245	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
247	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
249	93	20.00	92	20.00	92	20.00	92	10.00	0	0.	0	0.
252	93	30.00	93	20.00	92	20.00	92	20.00	0	0.	0	0.
254	93	40.00	93	40.00	93	30.00	92	30.00	0	0.	0	0.
256	93	40.00	93	40.00	93	40.00	92	30.00	0	0.	0	0.
258	93	50.00	93	50.00	93	50.00	92	40.00	0	0.	0	0.
261	92	50.00	92	50.00	92	40.00	91	30.00	0	0.	0	0.
263	91	50.00	91	40.00	90	20.00	90	10.00	0	0.	0	0.
265	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
267	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
272	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
274	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
276	92	60.00	91	50.00	91	30.00	90	20.00	0	0.	0	0.
279	92	50.00	92	50.00	92	30.00	91	30.00	0	0.	0	0.
281	93	60.00	93	50.00	93	50.00	92	40.00	0	0.	0	0.
283	93	40.00	93	40.00	92	30.00	92	30.00	0	0.	0	0.
285	93	30.00	93	30.00	92	20.00	92	20.00	0	0.	0	0.
288	93	20.00	92	20.00	92	20.00	92	10.00	0	0.	0	0.
290	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
292	92	10.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
294	92	10.00	92	10.00	91	10.00	91	0.	0	0.	0	0.
297	92	10.00	92	10.00	91	0.	91	0.	0	0.	0	0.
299	92	10.00	92	10.00	91	0.	91	0.	0	0.	0	0.
301	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
303	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
306	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.

TABLE 6 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
308	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
310	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
312	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
315	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
317	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
319	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
321	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
324	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
326	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
328	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
330	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
333	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
335	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
337	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
339	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
342	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
344	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
346	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
348	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
351	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
353	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
355	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
357	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
360	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
AVERAGE SHIELDING		26.06		23.94		20.19		17.50		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		93		92		92		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 8

SHIELDING OF TARGET AT POSITION E

RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
18	108	70.00	104	50.00	100	30.00	95	10.00	0	0.	0	0.
36	98	30.00	94	10.00	92	0.	91	0.	0	0.	0	0.
54	92	0.	91	0.	89	0.	88	0.	0	0.	0	0.
72	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
90	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
108	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
126	92	0.	91	0.	89	0.	88	0.	0	0.	0	0.
144	103	50.00	99	30.00	94	10.00	93	0.	0	0.	0	0.
162	108	60.00	106	50.00	103	40.00	98	20.00	0	0.	0	0.
180	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
198	106	50.00	104	40.00	101	30.00	98	20.00	0	0.	0	0.
216	101	40.00	97	20.00	94	10.00	93	0.	0	0.	0	0.
234	92	0.	92	0.	90	0.	89	0.	0	0.	0	0.
252	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
270	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
288	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
306	92	0.	91	0.	89	0.	88	0.	0	0.	0	0.
324	100	40.00	96	20.00	93	0.	91	0.	0	0.	0	0.
342	107	60.00	103	40.00	100	30.00	95	10.00	0	0.	0	0.
360	0	100.00	111	80.00	105	50.00	100	30.00	0	0.	0	0.
AVERAGE SHIELDING		25.00		17.00		10.00		4.50		0.		0.
AVERAGE TARGET CONTACT ANGLE		97		95		93		91		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE NO 4

TABLE 8a (1, A-C)

TABLE 8 50

SHIELDING OF TARGET AT POSITION E

RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
9	103	40.00	101	30.00	101	30.00	100	30.00	0	0.	0	0.
18	103	40.00	101	30.00	101	30.00	100	30.00	0	0.	0	0.
27	102	40.00	102	40.00	100	30.00	100	30.00	0	0.	0	0.
36	102	50.00	101	40.00	100	40.00	99	30.00	0	0.	0	0.
45	102	60.00	101	50.00	100	40.00	99	40.00	0	0.	0	0.
54	102	70.00	100	60.00	99	50.00	96	30.00	0	0.	0	0.
63	0	100.00	98	60.00	94	30.00	92	10.00	0	0.	0	0.
72	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
81	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
99	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
108	91	10.00	91	0.	90	0.	89	0.	0	0.	0	0.
117	100	70.00	98	60.00	96	40.00	93	20.00	0	0.	0	0.
126	102	60.00	101	60.00	100	50.00	98	40.00	0	0.	0	0.
135	104	60.00	102	50.00	102	50.00	100	40.00	0	0.	0	0.
144	105	60.00	105	60.00	104	50.00	102	40.00	0	0.	0	0.
153	104	40.00	104	40.00	103	40.00	101	30.00	0	0.	0	0.
162	104	40.00	104	40.00	103	40.00	102	30.00	0	0.	0	0.
171	104	40.00	104	40.00	103	40.00	102	30.00	0	0.	0	0.
180	104	40.00	104	40.00	103	40.00	102	30.00	0	0.	0	0.
189	104	40.00	104	40.00	103	40.00	101	30.00	0	0.	0	0.
198	104	40.00	103	40.00	102	30.00	101	30.00	0	0.	0	0.
207	103	40.00	103	40.00	101	30.00	101	30.00	0	0.	0	0.
216	102	40.00	102	40.00	100	30.00	100	30.00	0	0.	0	0.
225	102	50.00	102	50.00	101	40.00	99	30.00	0	0.	0	0.
234	100	50.00	100	50.00	98	40.00	97	30.00	0	0.	0	0.
243	96	50.00	96	40.00	94	20.00	92	10.00	0	0.	0	0.
252	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
261	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
279	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
288	91	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
297	99	70.00	98	60.00	96	40.00	93	20.00	0	0.	0	0.
306	102	70.00	101	60.00	99	50.00	98	40.00	0	0.	0	0.

TABLE ~~I~~ 50 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
315	104	70.00	103	60.00	101	50.00	100	40.00	0	0.	0	0.
324	104	60.00	104	60.00	103	50.00	101	40.00	0	0.	0	0.
333	104	50.00	103	40.00	102	40.00	100	30.00	0	0.	0	0.
342	103	40.00	103	40.00	101	30.00	100	30.00	0	0.	0	0.
351	103	40.00	102	40.00	101	30.00	100	30.00	0	0.	0	0.
360	103	40.00	101	30.00	101	30.00	100	30.00	0	0.	0	0.
AVERAGE SHIELDING		39.50		34.75		28.75		22.75		0.		0.
AVERAGE TARGET CONTACT ANGLE		100		99		98		96		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE #
SHIELDING OF TARGET AT POSITION E
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
6	95	10.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
12	96	10.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
18	97	20.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
24	97	20.00	97	20.00	96	10.00	95	10.00	0	0.	0	0.
30	97	20.00	97	20.00	96	10.00	95	10.00	0	0.	0	0.
36	97	20.00	97	20.00	97	20.00	96	20.00	0	0.	0	0.
42	98	30.00	98	30.00	97	30.00	96	20.00	0	0.	0	0.
48	98	40.00	98	30.00	97	30.00	97	30.00	0	0.	0	0.
54	99	50.00	98	40.00	98	40.00	97	30.00	0	0.	0	0.
60	99	60.00	98	50.00	97	40.00	96	40.00	0	0.	0	0.
66	99	80.00	98	70.00	96	50.00	95	40.00	0	0.	0	0.
72	96	70.00	95	50.00	93	30.00	92	20.00	0	0.	0	0.
78	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
84	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
96	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
102	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
108	96	60.00	94	40.00	93	30.00	92	20.00	0	0.	0	0.
114	98	70.00	98	60.00	97	50.00	96	40.00	0	0.	0	0.
120	99	60.00	99	60.00	98	50.00	98	50.00	0	0.	0	0.
126	100	50.00	100	50.00	99	40.00	98	40.00	0	0.	0	0.
132	100	40.00	99	40.00	98	30.00	98	30.00	0	0.	0	0.
138	100	40.00	99	40.00	98	30.00	98	30.00	0	0.	0	0.
144	99	30.00	99	30.00	98	20.00	97	20.00	0	0.	0	0.
150	99	20.00	98	20.00	98	20.00	97	20.00	0	0.	0	0.
156	98	20.00	98	20.00	98	20.00	97	20.00	0	0.	0	0.
162	98	20.00	98	20.00	97	20.00	96	10.00	0	0.	0	0.
168	98	20.00	98	20.00	97	20.00	96	10.00	0	0.	0	0.
174	98	20.00	98	20.00	97	20.00	96	10.00	0	0.	0	0.
180	98	20.00	98	20.00	97	10.00	96	10.00	0	0.	0	0.
186	98	20.00	98	20.00	97	20.00	96	10.00	0	0.	0	0.
192	98	20.00	98	20.00	97	10.00	96	10.00	0	0.	0	0.
198	98	20.00	98	20.00	97	10.00	96	10.00	0	0.	0	0.
204	98	20.00	98	20.00	98	20.00	96	10.00	0	0.	0	0.

TABLE 50 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
210	98	20.00	98	20.00	97	20.00	96	10.00	0	0.	0	0.
216	98	20.00	98	20.00	97	20.00	97	20.00	0	0.	0	0.
222	99	30.00	98	30.00	98	30.00	97	20.00	0	0.	0	0.
228	99	30.00	98	30.00	97	20.00	97	20.00	0	0.	0	0.
234	99	40.00	98	40.00	97	30.00	97	30.00	0	0.	0	0.
240	99	50.00	98	50.00	97	40.00	97	40.00	0	0.	0	0.
246	98	60.00	97	50.00	96	40.00	95	30.00	0	0.	0	0.
252	96	60.00	94	40.00	93	30.00	91	10.00	0	0.	0	0.
258	90	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
264	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
276	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
282	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
288	96	60.00	95	50.00	94	40.00	92	20.00	0	0.	0	0.
294	98	70.00	98	60.00	97	60.00	96	50.00	0	0.	0	0.
300	100	60.00	99	60.00	99	60.00	98	50.00	0	0.	0	0.
306	100	50.00	99	50.00	98	40.00	98	40.00	0	0.	0	0.
312	99	40.00	99	40.00	99	40.00	97	30.00	0	0.	0	0.
318	99	40.00	98	30.00	98	30.00	98	30.00	0	0.	0	0.
324	99	30.00	98	30.00	97	20.00	97	20.00	0	0.	0	0.
330	98	20.00	97	20.00	97	20.00	96	10.00	0	0.	0	0.
336	97	20.00	97	20.00	96	10.00	95	10.00	0	0.	0	0.
342	97	20.00	96	10.00	96	10.00	95	10.00	0	0.	0	0.
348	96	10.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
354	96	10.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
360	96	10.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
AVERAGE SHIELDING		29.33		26.00		21.67		18.00		0.		0.
AVERAGE TARGET CONTACT ANGLE		97		96		95		95		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 50

SHIELDING OF TARGET AT POSITION E

RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
4	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
9	94	10.00	94	0.	93	0.	93	0.	0	0.	0	0.
13	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
18	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
22	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
27	94	10.00	94	0.	93	0.	93	0.	0	0.	0	0.
31	94	10.00	94	10.00	93	0.	93	0.	0	0.	0	0.
36	94	10.00	94	10.00	94	0.	93	0.	0	0.	0	0.
40	94	10.00	94	10.00	94	10.00	93	0.	0	0.	0	0.
45	95	20.00	95	10.00	94	10.00	94	10.00	0	0.	0	0.
49	95	20.00	95	20.00	95	20.00	94	20.00	0	0.	0	0.
54	96	30.00	96	30.00	95	20.00	95	20.00	0	0.	0	0.
58	96	40.00	96	30.00	95	30.00	95	30.00	0	0.	0	0.
63	97	50.00	97	50.00	96	40.00	96	40.00	0	0.	0	0.
67	97	70.00	97	60.00	96	50.00	95	40.00	0	0.	0	0.
72	96	70.00	95	60.00	95	50.00	94	40.00	0	0.	0	0.
76	95	80.00	94	60.00	92	20.00	91	20.00	0	0.	0	0.
81	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
85	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
94	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
99	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
103	95	80.00	94	50.00	92	30.00	92	20.00	0	0.	0	0.
108	96	70.00	96	60.00	95	50.00	94	40.00	0	0.	0	0.
112	97	60.00	97	50.00	96	50.00	95	40.00	0	0.	0	0.
117	97	50.00	97	50.00	96	40.00	96	40.00	0	0.	0	0.
121	97	40.00	97	40.00	97	40.00	96	30.00	0	0.	0	0.
126	97	30.00	97	30.00	96	30.00	96	30.00	0	0	0	0.
130	97	30.00	96	20.00	96	20.00	96	20.00	0	0.	0	0.
135	96	20.00	96	20.00	96	20.00	95	20.00	0	0.	0	0.
139	95	10.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
144	95	10.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
148	96	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
153	96	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.

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TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
157	96	10.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
162	96	10.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
166	96	10.00	96	10.00	96	10.00	95	10.00	0	0.	0	0.
171	97	10.00	96	10.00	96	10.00	96	10.00	0	0.	0	0.
175	96	10.00	96	10.00	96	10.00	96	10.00	0	0.	0	0.
180	97	30.00	96	10.00	96	10.00	96	10.00	0	0.	0	0.
184	100	90.00	97	10.00	96	10.00	96	10.00	0	0.	0	0.
189	0	100.00	98	30.00	96	10.00	96	10.00	0	0.	0	0.
193	99	60.00	97	10.00	96	10.00	96	10.00	0	0.	0	0.
198	97	10.00	96	10.00	96	10.00	96	10.00	0	0.	0	0.
202	97	10.00	96	10.00	96	10.00	96	10.00	0	0.	0	0.
207	96	10.00	96	10.00	96	10.00	95	10.00	0	0.	0	0.
211	96	10.00	96	10.00	96	10.00	95	10.00	0	0.	0	0.
216	96	10.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
220	96	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
225	95	20.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
229	96	20.00	96	20.00	95	10.00	95	10.00	0	0.	0	0.
234	96	20.00	96	20.00	95	20.00	95	20.00	0	0.	0	0.
238	96	30.00	96	30.00	96	30.00	95	20.00	0	0.	0	0.
243	96	40.00	96	40.00	95	30.00	95	30.00	0	0.	0	0.
247	96	50.00	96	50.00	95	40.00	95	30.00	0	0.	0	0.
252	95	50.00	95	50.00	94	40.00	93	30.00	0	0.	0	0.
256	94	60.00	93	40.00	92	30.00	91	10.00	0	0.	0	0.
261	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
265	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
274	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
279	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
283	95	70.00	93	40.00	92	30.00	91	20.00	0	0.	0	0.
288	96	60.00	95	50.00	95	50.00	94	40.00	0	0.	0	0.
292	97	60.00	97	60.00	96	50.00	95	40.00	0	0.	0	0.
297	97	50.00	97	50.00	96	40.00	96	40.00	0	0.	0	0.
301	97	40.00	97	40.00	96	40.00	95	30.00	0	0.	0	0.
306	96	30.00	96	30.00	96	30.00	96	30.00	0	0.	0	0.

TABLE 50 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
310	95	20.00	95	20.00	95	20.00	95	20.00	0	0.	0	0.
315	95	20.00	95	20.00	94	10.00	94	10.00	0	0.	0	0.
319	94	10.00	94	10.00	94	10.00	93	10.00	0	0.	0	0.
324	94	10.00	94	10.00	94	10.00	93	0.	0	0.	0	0.
328	94	10.00	94	10.00	94	0.	93	0.	0	0.	0	0.
333	94	10.00	94	10.00	93	0.	93	0.	0	0.	0	0.
337	94	10.00	94	0.	93	0.	93	0.	0	0.	0	0.
342	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
346	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
351	94	10.00	94	0.	93	0.	93	0.	0	0.	0	0.
355	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
360	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
AVERAGE SHIELDING		24.25		18.62		15.25		13.00		0.		0.
AVERAGE TARGET CONTACT ANGLE		95		95		94		94		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 50
SHIELDING OF TARGET AT POSITION E
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
7	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
10	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
14	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
18	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
21	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
25	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
28	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
32	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
36	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
39	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
43	93	10.00	93	10.00	93	0.	92	0.	0	0.	0	0.
46	93	10.00	93	10.00	93	0.	93	0.	0	0.	0	0.
50	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
54	94	20.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
57	94	20.00	94	20.00	94	20.00	93	10.00	0	0.	0	0.
61	95	30.00	94	20.00	94	20.00	94	20.00	0	0.	0	0.
64	95	40.00	95	30.00	94	30.00	94	30.00	0	0.	0	0.
68	95	50.00	95	40.00	95	40.00	94	30.00	0	0.	0	0.
72	96	60.00	95	60.00	95	50.00	95	50.00	0	0.	0	0.
75	95	70.00	94	60.00	94	50.00	93	40.00	0	0.	0	0.
79	93	60.00	92	40.00	91	20.00	91	10.00	0	0.	0	0.
82	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
86	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
93	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
97	90	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
100	94	80.00	93	60.00	93	50.00	92	30.00	0	0.	0	0.
104	95	80.00	95	70.00	94	50.00	94	50.00	0	0.	0	0.
108	96	60.00	95	50.00	95	50.00	94	40.00	0	0.	0	0.
111	96	50.00	96	50.00	95	40.00	95	40.00	0	0.	0	0.
115	96	40.00	96	40.00	95	30.00	95	30.00	0	0.	0	0.
118	95	30.00	95	30.00	95	30.00	94	20.00	0	0.	0	0.
122	95	30.00	95	30.00	95	20.00	94	20.00	0	0.	0	0.

TABLE 50 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
126	95	20.00	95	20.00	94	20.00	94	10.00	0	0.	0	0.
129	94	10.00	94	10.00	94	10.00	93	10.00	0	0.	0	0.
133	94	10.00	94	10.00	94	10.00	93	10.00	0	0.	0	0.
136	94	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
140	95	10.00	95	10.00	94	10.00	94	10.00	0	0.	0	0.
144	97	60.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
147	0	100.00	0	100.00	98	80.00	95	10.00	0	0.	0	0.
151	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
154	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
158	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
162	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
165	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
169	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
172	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
176	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
180	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
183	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
187	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
190	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
194	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
198	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
201	0	100.00	0	100.00	100	90.00	99	60.00	0	0.	0	0.
205	0	100.00	0	100.00	99	60.00	98	40.00	0	0.	0	0.
208	0	100.00	0	100.00	97	30.00	96	10.00	0	0.	0	0.
212	99	90.00	97	30.00	96	10.00	96	10.00	0	0.	0	0.
216	97	40.00	96	10.00	96	10.00	95	10.00	0	0.	0	0.
219	96	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
223	95	10.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
226	95	10.00	95	10.00	94	10.00	94	10.00	0	0.	0	0.
230	94	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
234	94	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
237	95	20.00	94	20.00	94	10.00	94	10.00	0	0.	0	0.
241	95	20.00	94	20.00	94	20.00	94	20.00	0	0.	0	0.
244	95	30.00	95	30.00	94	30.00	94	20.00	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
248	95	40.00	95	40.00	94	30.00	94	30.00	0	0.	0	0.
252	95	50.00	95	50.00	94	40.00	94	40.00	0	0.	0	0.
255	94	60.00	94	50.00	94	50.00	93	40.00	0	0.	0	0.
259	94	70.00	93	50.00	92	40.00	91	20.00	0	0.	0	0.
262	90	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
266	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
273	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
277	91	20.00	90	0.	90	0.	89	0.	0	0.	0	0.
280	93	60.00	92	40.00	91	20.00	91	10.00	0	0.	0	0.
284	94	60.00	94	50.00	93	40.00	93	40.00	0	0.	0	0.
288	95	50.00	95	50.00	94	40.00	94	40.00	0	0.	0	0.
291	95	50.00	95	50.00	95	40.00	94	40.00	0	0.	0	0.
295	95	40.00	95	40.00	95	30.00	94	30.00	0	0.	0	0.
298	95	30.00	95	30.00	95	30.00	94	20.00	0	0.	0	0.
302	94	20.00	94	20.00	94	20.00	94	20.00	0	0.	0	0.
306	94	20.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
309	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
313	93	10.00	93	10.00	93	0.	92	0.	0	0.	0	0.
316	93	10.00	93	10.00	93	0.	92	0.	0	0.	0	0.
320	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
324	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
327	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
331	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
334	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
338	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
342	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
345	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
349	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
352	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
356	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
360	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
AVERAGE SHIELDING		35.40		31.80		27.80		24.90		0.		0.
AVERAGE TARGET CONTACT ANGLE		94		93		93		93		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 7

SHIELDING OF TARGET AT POSITION E

RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
6	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
9	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
12	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
15	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
18	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
21	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
24	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
27	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
30	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
33	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
36	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
39	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
42	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
45	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
48	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
51	93	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
54	93	10.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
57	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
60	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
63	93	20.00	93	20.00	93	20.00	92	10.00	0	0.	0	0.
66	94	20.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
69	94	30.00	94	30.00	94	30.00	93	20.00	0	0.	0	0.
72	94	40.00	94	40.00	94	40.00	93	30.00	0	0.	0	0.
75	95	70.00	95	60.00	94	50.00	94	40.00	0	0.	0	0.
78	94	70.00	94	60.00	93	50.00	92	30.00	0	0.	0	0.
81	93	70.00	93	60.00	92	40.00	91	20.00	0	0.	0	0.
84	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
87	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
93	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
96	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
99	93	80.00	93	70.00	92	60.00	92	40.00	0	0.	0	0.
102	94	80.00	94	70.00	94	60.00	93	50.00	0	0.	0	0.

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TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
105	95	60.00	95	60.00	94	50.00	94	40.00	0	0.	0	0.
108	94	40.00	94	40.00	94	40.00	94	30.00	0	0.	0	0.
111	95	40.00	94	40.00	94	30.00	94	30.00	0	0.	0	0.
114	94	30.00	94	30.00	94	20.00	93	20.00	0	0.	0	0.
117	94	20.00	94	20.00	94	20.00	93	20.00	0	0.	0	0.
120	94	20.00	93	20.00	93	10.00	93	10.00	0	0.	0	0.
123	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
126	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
129	94	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
132	94	10.00	94	10.00	94	10.00	93	10.00	0	0.	0	0.
135	0	100.00	96	60.00	94	10.00	94	10.00	0	0.	0	0.
138	0	100.00	0	100.00	97	70.00	95	10.00	0	0.	0	0.
141	0	100.00	0	100.00	0	100.00	98	90.00	0	0.	0	0.
144	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
147	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
150	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
153	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
156	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
159	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
162	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
165	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
168	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
171	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
174	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
177	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
180	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
183	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
186	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
189	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
192	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
195	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
198	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
201	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
204	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

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TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
207	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
210	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
213	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
216	0	100.00	0	100.00	0	100.00	99	80.00	0	0.	0	0.
219	0	100.00	0	100.00	98	70.00	97	40.00	0	0.	0	0.
222	0	100.00	97	70.00	96	20.00	95	10.00	0	0.	0	0.
225	96	40.00	95	20.00	95	10.00	95	10.00	0	0.	0	0.
228	95	30.00	95	10.00	94	10.00	94	10.00	0	0.	0	0.
231	94	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
234	94	10.00	94	10.00	93	10.00	93	10.00	0	0.	0	0.
237	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
240	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
243	94	20.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
246	94	20.00	94	20.00	93	20.00	93	20.00	0	0.	0	0.
249	94	30.00	94	30.00	94	30.00	93	20.00	0	0.	0	0.
252	94	40.00	94	40.00	93	30.00	93	30.00	0	0.	0	0.
255	95	60.00	94	50.00	94	40.00	93	40.00	0	0.	0	0.
258	94	70.00	93	60.00	93	50.00	92	40.00	0	0.	0	0.
261	93	70.00	92	60.00	92	40.00	91	30.00	0	0.	0	0.
264	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
267	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
273	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
276	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
279	93	70.00	92	60.00	92	40.00	91	20.00	0	0.	0	0.
282	94	60.00	93	50.00	92	30.00	92	30.00	0	0.	0	0.
285	94	50.00	94	50.00	93	40.00	93	40.00	0	0.	0	0.
288	94	40.00	94	40.00	94	40.00	93	30.00	0	0.	0	0.
291	94	40.00	94	30.00	94	30.00	93	30.00	0	0.	0	0.
294	94	30.00	94	30.00	93	20.00	93	20.00	0	0.	0	0.
297	93	20.00	93	20.00	93	20.00	93	10.00	0	0.	0	0.
300	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
303	93	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
306	92	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.

TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
309	92	10.00	92	0.	92	0.	92	0.	0	0.	0	0.
312	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
315	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
318	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
321	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
324	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
327	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
330	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
333	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
336	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
339	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
342	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
345	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
348	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
351	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
354	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
357	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
360	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
AVERAGE SHIELDING		37.83		35.83		32.58		29.58		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		93		92		92		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 50

SHIELDING OF TARGET AT POSITION E
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
5	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
7	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
10	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
12	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
15	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
18	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
20	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
23	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
25	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
28	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
30	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
33	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
36	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
38	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
41	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
43	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
46	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
48	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
51	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
54	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
56	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
59	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
61	92	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
64	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
66	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
69	93	20.00	93	20.00	93	20.00	92	20.00	0	0.	0	0.
72	93	30.00	93	30.00	93	30.00	93	20.00	0	0.	0	0.
74	94	40.00	93	40.00	93	30.00	93	30.00	0	0.	0	0.
77	94	60.00	94	50.00	93	50.00	93	40.00	0	0.	0	0.
79	93	70.00	93	60.00	92	40.00	92	40.00	0	0.	0	0.
82	93	70.00	92	60.00	91	40.00	91	30.00	0	0.	0	0.
84	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
87	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
90	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
92	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
95	90	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
97	93	70.00	92	60.00	91	40.00	91	30.00	0	0.	0	0.
100	94	80.00	93	70.00	93	60.00	93	50.00	0	0.	0	0.
102	94	60.00	94	60.00	93	50.00	93	50.00	0	0.	0	0.
105	94	50.00	94	40.00	93	40.00	93	40.00	0	0.	0	0.
108	94	30.00	94	30.00	93	30.00	93	30.00	0	0.	0	0.
110	94	30.00	93	30.00	93	20.00	93	20.00	0	0.	0	0.
113	93	20.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
115	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
118	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
120	92	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
123	93	10.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
125	0	100.00	94	30.00	93	10.00	93	10.00	0	0.	0	0.
128	0	100.00	0	100.00	95	50.00	94	10.00	0	0.	0	0.
131	0	100.00	0	100.00	0	100.00	96	80.00	0	0.	0	0.
133	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
136	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
138	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
141	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
144	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
146	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
149	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
151	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
154	0	100.00	0	100.00	0	100.00	99	90.00	0	0.	0	0.
156	0	100.00	0	100.00	99	90.00	99	80.00	0	0.	0	0.
159	0	100.00	100	90.00	99	80.00	99	70.00	0	0.	0	0.
162	0	100.00	100	90.00	99	80.00	98	60.00	0	0.	0	0.
164	99	80.00	99	80.00	99	70.00	98	60.00	0	0.	0	0.
167	99	70.00	99	70.00	99	60.00	98	50.00	0	0.	0	0.
169	99	60.00	98	50.00	98	40.00	98	30.00	0	0.	0	0.
172	98	50.00	98	50.00	98	40.00	97	30.00	0	0.	0	0.
174	98	40.00	98	40.00	97	30.00	97	20.00	0	0.	0	0.

AD-A040 173 ARMY ENGINEER WATERWAYS EXPERIMENT STATION VICKSBURG MISS F/G 18/6
ANALYTICAL STUDY OF GROUND-SURFACE SHIELDING CHARACTERISTICS OF--ETC(U)
JUN 74 H W WEST, P L DOIRON, J A PARKS

UNCLASSIFIED WES-TR-M-74-4-VOL-2 NL

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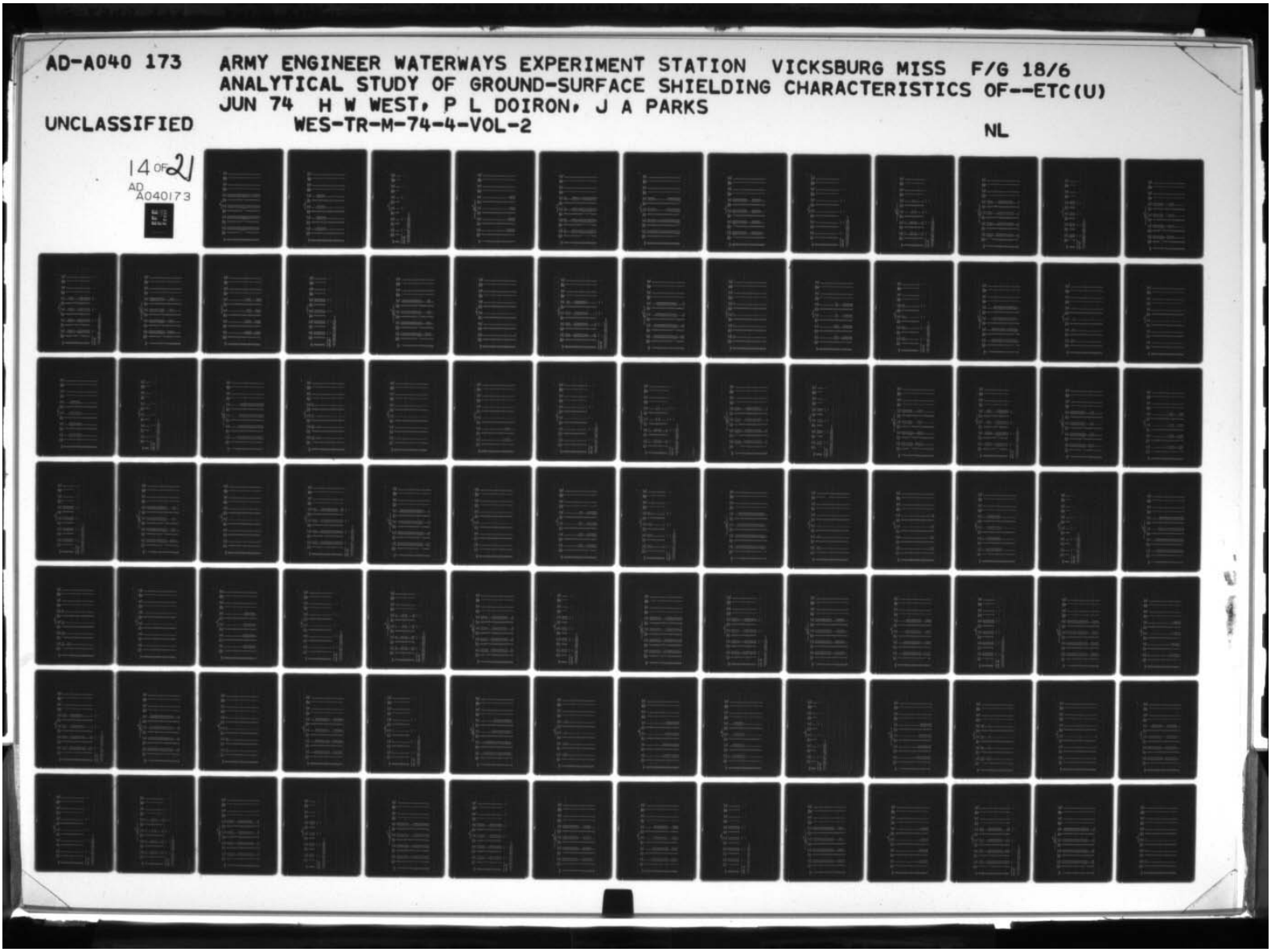

TABLE 50 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
177	98	40.00	98	40.00	97	30.00	97	20.00	0	0.	0	0.
180	98	40.00	98	30.00	97	20.00	97	10.00	0	0.	0	0.
182	98	40.00	98	40.00	98	30.00	97	20.00	0	0.	0	0.
185	98	40.00	98	30.00	97	20.00	97	10.00	0	0.	0	0.
187	98	40.00	98	30.00	98	30.00	97	20.00	0	0.	0	0.
190	98	40.00	98	40.00	98	30.00	97	20.00	0	0.	0	0.
192	99	50.00	98	40.00	98	30.00	97	20.00	0	0.	0	0.
195	99	50.00	99	50.00	98	40.00	98	30.00	0	0.	0	0.
198	99	50.00	99	50.00	98	40.00	98	30.00	0	0.	0	0.
200	99	60.00	99	50.00	98	40.00	98	30.00	0	0.	0	0.
203	99	60.00	99	60.00	98	50.00	98	40.00	0	0.	0	0.
205	99	70.00	99	60.00	98	50.00	98	40.00	0	0.	0	0.
208	99	80.00	99	80.00	99	60.00	98	50.00	0	0.	0	0.
210	0	100.00	99	90.00	99	70.00	98	60.00	0	0.	0	0.
213	0	100.00	0	100.00	99	90.00	99	70.00	0	0.	0	0.
216	0	100.00	0	100.00	0	100.00	99	90.00	0	0.	0	0.
218	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
221	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
223	0	100.00	0	100.00	0	100.00	98	90.00	0	0.	0	0.
226	0	100.00	0	100.00	0	100.00	97	60.00	0	0.	0	0.
228	0	100.00	0	100.00	96	70.00	95	30.00	0	0.	0	0.
231	97	90.00	95	50.00	94	10.00	94	10.00	0	0.	0	0.
234	95	60.00	94	20.00	94	10.00	94	10.00	0	0.	0	0.
236	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
239	93	10.00	93	10.00	93	10.00	92	0.	0	0.	0	0.
241	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
244	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
246	93	20.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
249	93	20.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
252	93	30.00	93	30.00	93	30.00	93	20.00	0	0.	0	0.
254	93	40.00	93	40.00	93	40.00	93	30.00	0	0.	0	0.
257	94	50.00	93	50.00	93	50.00	93	40.00	0	0.	0	0.
259	93	60.00	93	60.00	92	50.00	92	40.00	0	0.	0	0.
262	92	60.00	92	50.00	91	40.00	91	20.00	0	0.	0	0.

TABLE 50 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
264	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
267	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
272	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
275	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
277	92	50.00	91	40.00	91	30.00	91	20.00	0	0.	0	0.
280	93	60.00	93	50.00	92	40.00	92	30.00	0	0.	0	0.
282	93	50.00	93	40.00	93	40.00	92	30.00	0	0.	0	0.
285	94	40.00	93	40.00	93	40.00	93	30.00	0	0.	0	0.
288	93	30.00	93	30.00	93	30.00	93	30.00	0	0.	0	0.
290	93	30.00	93	30.00	93	20.00	93	20.00	0	0.	0	0.
293	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
295	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
298	92	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
300	92	10.00	92	10.00	92	0.	91	0.	0	0.	0	0.
303	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
306	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
308	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
311	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
313	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
316	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
318	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
321	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
324	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
326	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
329	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
331	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
334	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
336	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
339	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
342	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
344	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
347	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
349	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
352	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
354	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
357	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
360	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
AVERAGE SHIELDING		34.07		31.43		27.29		22.86		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		93		93		93		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

D

TABLE X

SHIELDING OF TARGET AT POSITION E

RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
4	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
6	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
9	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
11	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
13	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
15	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
18	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
20	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
22	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
24	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
27	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
29	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
31	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
33	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
36	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
38	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
40	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
42	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
45	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
47	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
49	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
51	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
54	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
56	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
58	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
60	92	10.00	92	0.	92	0.	91	0.	0	0.	0	0.
63	92	10.00	92	10.00	92	0.	91	0.	0	0.	0	0.
65	92	10.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
67	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
69	92	20.00	92	20.00	92	10.00	92	10.00	0	0.	0	0.
72	93	20.00	92	20.00	92	20.00	92	20.00	0	0.	0	0.
74	93	30.00	93	30.00	93	30.00	92	20.00	0	0.	0	0.
76	93	40.00	93	30.00	93	30.00	92	30.00	0	0.	0	0.

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TABLE 7 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
78	93	60.00	93	50.00	93	40.00	93	40.00	0	0.	0	0.
81	93	70.00	93	60.00	92	50.00	92	40.00	0	0.	0	0.
83	92	70.00	92	60.00	91	40.00	91	30.00	0	0.	0	0.
85	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
87	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
92	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
94	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
96	92	80.00	92	60.00	91	40.00	91	20.00	0	0.	0	0.
99	93	80.00	93	70.00	93	60.00	92	50.00	0	0.	0	0.
101	93	60.00	93	60.00	93	50.00	93	50.00	0	0.	0	0.
103	93	50.00	93	40.00	93	40.00	93	30.00	0	0.	0	0.
105	93	40.00	93	40.00	93	30.00	93	30.00	0	0.	0	0.
108	93	30.00	93	20.00	93	20.00	92	20.00	0	0.	0	0.
110	93	20.00	93	20.00	93	20.00	92	20.00	0	0.	0	0.
112	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
114	92	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
117	92	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
119	0	100.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
121	0	100.00	0	100.00	0	100.00	93	20.00	0	0.	0	0.
123	0	100.00	0	100.00	0	100.00	94	70.00	0	0.	0	0.
126	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
128	0	100.00	0	100.00	0	100.00	95	70.00	0	0.	0	0.
130	0	100.00	0	100.00	96	90.00	95	60.00	0	0.	0	0.
132	0	100.00	0	100.00	0	100.00	96	80.00	0	0.	0	0.
135	0	100.00	0	100.00	0	100.00	97	80.00	0	0.	0	0.
137	0	100.00	0	100.00	0	100.00	97	80.00	0	0.	0	0.
139	0	100.00	0	100.00	0	100.00	98	90.00	0	0.	0	0.
141	0	100.00	0	100.00	98	90.00	97	80.00	0	0.	0	0.
144	0	100.00	0	100.00	98	90.00	97	70.00	0	0.	0	0.
146	98	90.00	98	90.00	98	70.00	97	60.00	0	0.	0	0.
148	98	70.00	98	60.00	97	50.00	97	40.00	0	0.	0	0.
150	97	50.00	97	50.00	97	40.00	96	30.00	0	0.	0	0.
153	96	20.00	96	20.00	96	10.00	96	10.00	0	0.	0	0.

TABLE 50 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
155	96	10.00	96	10.00	96	10.00	95	10.00	0	0.	0	0.
157	96	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
159	95	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
162	95	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
164	95	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
166	95	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
168	95	10.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
171	95	10.00	95	10.00	94	10.00	94	10.00	0	0.	0	0.
173	95	10.00	94	10.00	94	10.00	94	0.	0	0.	0	0.
175	94	10.00	94	0.	94	0.	94	0.	0	0.	0	0.
177	95	10.00	94	10.00	94	0.	94	0.	0	0.	0	0.
180	94	10.00	94	0.	94	0.	94	0.	0	0.	0	0.
182	95	10.00	94	10.00	94	0.	94	0.	0	0.	0	0.
184	94	10.00	94	0.	94	0.	94	0.	0	0.	0	0.
186	95	10.00	94	10.00	94	0.	94	0.	0	0.	0	0.
189	95	10.00	94	10.00	94	0.	94	0.	0	0.	0	0.
191	95	10.00	95	10.00	94	0.	94	0.	0	0.	0	0.
193	95	10.00	95	10.00	94	0.	94	0.	0	0.	0	0.
195	95	10.00	95	10.00	95	0.	94	0.	0	0.	0	0.
198	95	10.00	95	10.00	95	0.	94	0.	0	0.	0	0.
200	95	10.00	95	10.00	95	10.00	95	0.	0	0.	0	0.
202	95	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
204	95	10.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
207	96	10.00	96	10.00	96	10.00	96	10.00	0	0.	0	0.
209	96	10.00	96	10.00	96	10.00	96	10.00	0	0.	0	0.
211	97	20.00	97	20.00	96	10.00	96	10.00	0	0.	0	0.
213	97	40.00	97	30.00	97	20.00	96	10.00	0	0.	0	0.
216	97	50.00	97	40.00	97	30.00	96	20.00	0	0.	0	0.
218	98	60.00	98	60.00	97	40.00	97	30.00	0	0.	0	0.
220	98	90.00	98	80.00	97	60.00	97	50.00	0	0.	0	0.
222	0	100.00	0	100.00	98	90.00	97	70.00	0	0.	0	0.
225	0	100.00	0	100.00	0	100.00	98	90.00	0	0.	0	0.
227	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
229	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

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TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
231	0	100.00	0	100.00	0	100.00	97	90.00	0	0.	0	0.
234	0	100.00	0	100.00	0	100.00	96	70.00	0	0.	0	0.
236	0	100.00	0	100.00	95	70.00	94	20.00	0	0.	0	0.
238	0	100.00	0	100.00	94	40.00	93	10.00	0	0.	0	0.
240	94	50.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
243	93	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
245	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
247	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
249	93	20.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
252	93	20.00	93	20.00	92	20.00	92	20.00	0	0.	0	0.
254	93	30.00	93	30.00	93	30.00	92	30.00	0	0.	0	0.
256	93	40.00	93	40.00	92	30.00	92	30.00	0	0.	0	0.
258	93	50.00	93	50.00	93	50.00	92	40.00	0	0.	0	0.
261	93	60.00	92	60.00	92	50.00	92	40.00	0	0.	0	0.
263	92	70.00	92	50.00	91	30.00	91	20.00	0	0.	0	0.
265	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
267	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
270	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
272	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
274	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
276	92	70.00	91	40.00	91	20.00	90	10.00	0	0.	0	0.
279	93	60.00	92	60.00	92	50.00	92	40.00	0	0.	0	0.
281	93	50.00	93	50.00	92	40.00	92	30.00	0	0.	0	0.
283	93	40.00	93	30.00	93	30.00	92	30.00	0	0.	0	0.
285	93	40.00	93	30.00	93	30.00	92	30.00	0	0.	0	0.
288	93	30.00	93	30.00	92	20.00	92	20.00	0	0.	0	0.
290	92	20.00	92	20.00	92	10.00	92	10.00	0	0.	0	0.
292	92	10.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
294	92	10.00	92	10.00	91	10.00	91	10.00	0	0.	0	0.
297	92	10.00	92	0.	91	0.	91	0.	0	0.	0	0.
299	92	10.00	92	0.	91	0.	91	0.	0	0.	0	0.
301	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
303	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
306	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.

TABLE 50 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
308	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
310	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
312	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
315	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
317	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
319	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
321	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
324	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
326	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
328	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
330	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
333	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
335	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
337	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
339	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
342	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
344	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
346	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
348	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
351	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
353	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
355	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
357	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
360	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
AVERAGE SHIELDING		26.25		23.75		20.37		16.25		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		93		93		93		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 7

SHIELDING OF TARGET AT POSITION A
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
18	98	40.00	94	20.00	91	0.	89	0.	0	0.	0	0.
36	90	0.	89	0.	88	0.	86	0.	0	0.	0	0.
54	90	0.	89	0.	87	0.	86	0.	0	0.	0	0.
72	90	0.	89	0.	88	0.	86	0.	0	0.	0	0.
90	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
108	93	0.	92	0.	91	0.	90	0.	0	0.	0	0.
126	103	30.00	99	10.00	97	0.	96	0.	0	0.	0	0.
144	106	20.00	105	20.00	102	10.00	101	0.	0	0.	0	0.
162	109	20.00	109	20.00	107	20.00	104	10.00	0	0.	0	0.
180	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
198	109	20.00	109	20.00	107	20.00	104	10.00	0	0.	0	0.
216	106	20.00	104	10.00	102	10.00	101	0.	0	0.	0	0.
234	103	30.00	99	10.00	98	0.	96	0.	0	0.	0	0.
252	94	0.	93	0.	91	0.	90	0.	0	0.	0	0.
270	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
288	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
306	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
324	92	0.	91	0.	89	0.	88	0.	0	0.	0	0.
342	99	40.00	94	20.00	91	0.	90	0.	0	0.	0	0.
360	104	70.00	100	50.00	92	10.00	90	0.	0	0.	0	0.
AVERAGE SHIELDING		14.50		9.00		3.50		1.00		0.		0.
AVERAGE TARGET CONTACT ANGLE		97		95		93		92		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE NO.5

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TABLE 7

SHIELDING OF TARGET AT POSITION A

RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
9	108	90.00	108	90.00	106	80.00	105	70.00	0	0.	0	0.
18	0	100.00	107	90.00	106	80.00	105	80.00	0	0.	0	0.
27	0	100.00	106	90.00	105	80.00	104	80.00	0	0.	0	0.
36	0	100.00	0	100.00	104	90.00	103	80.00	0	0.	0	0.
45	0	100.00	103	90.00	101	80.00	100	70.00	0	0.	0	0.
54	0	100.00	100	90.00	97	60.00	95	40.00	0	0.	0	0.
63	96	70.00	91	20.00	89	0.	89	0.	0	0.	0	0.
72	89	0.	89	0.	88	0.	87	0.	0	0.	0	0.
81	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
99	91	10.00	91	0.	90	0.	89	0.	0	0.	0	0.
108	98	40.00	96	20.00	94	10.00	93	0.	0	0.	0	0.
117	100	30.00	99	20.00	99	20.00	97	10.00	0	0.	0	0.
126	104	30.00	103	30.00	102	20.00	101	20.00	0	0.	0	0.
135	106	30.00	105	30.00	104	20.00	103	20.00	0	0.	0	0.
144	106	20.00	106	20.00	104	10.00	104	10.00	0	0.	0	0.
153	106	10.00	105	10.00	105	10.00	104	10.00	0	0.	0	0.
162	106	10.00	106	10.00	105	10.00	104	10.00	0	0.	0	0.
171	106	10.00	106	10.00	105	10.00	104	10.00	0	0.	0	0.
180	106	10.00	106	10.00	105	10.00	104	10.00	0	0.	0	0.
189	106	10.00	106	10.00	105	10.00	104	10.00	0	0.	0	0.
198	106	10.00	106	10.00	105	10.00	104	10.00	0	0.	0	0.
207	106	10.00	106	10.00	105	10.00	104	10.00	0	0.	0	0.
216	106	20.00	106	20.00	105	10.00	104	10.00	0	0.	0	0.
225	106	30.00	106	30.00	104	20.00	104	20.00	0	0.	0	0.
234	105	40.00	104	30.00	102	20.00	102	20.00	0	0.	0	0.
243	101	40.00	99	20.00	99	20.00	97	10.00	0	0.	0	0.
252	97	30.00	95	10.00	94	10.00	93	0.	0	0.	0	0.
261	92	0.	91	0.	91	0.	90	0.	0	0.	0	0.
270	91	0.	90	0.	89	0.	89	0.	0	0.	0	0.
279	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
288	91	0.	90	0.	89	0.	89	0.	0	0.	0	0.
297	96	60.00	93	20.00	91	0.	90	0.	0	0.	0	0.
306	0	100.00	101	80.00	97	50.00	95	30.00	0	0.	0	0.

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TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
315	0	100.00	104	90.00	102	80.00	100	60.00	0	0.	0	0.
324	0	100.00	0	100.00	105	90.00	104	80.00	0	0.	0	0.
333	0	100.00	107	90.00	106	80.00	104	70.00	0	0.	0	0.
342	0	100.00	108	90.00	106	80.00	105	70.00	0	0.	0	0.
351	108	90.00	108	90.00	107	80.00	105	70.00	0	0.	0	0.
360	108	90.00	108	90.00	107	80.00	106	80.00	0	0.	0	0.
AVERAGE SHIELDING		44.75		38.00		31.00		26.75		0.		0.
AVERAGE TARGET CONTACT ANGLE		100		101		100		99		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 51

SHIELDING OF TARGET AT POSITION A
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
6	100	50.00	100	50.00	99	40.00	98	40.00	0	0.	0	0.
12	100	50.00	99	40.00	99	40.00	98	40.00	0	0.	0	0.
18	100	50.00	99	40.00	99	40.00	98	40.00	0	0.	0	0.
24	100	50.00	100	50.00	99	40.00	98	40.00	0	0.	0	0.
30	101	60.00	100	50.00	99	50.00	99	50.00	0	0.	0	0.
36	101	70.00	101	70.00	100	60.00	100	60.00	0	0.	0	0.
42	102	80.00	102	80.00	101	70.00	100	70.00	0	0.	0	0.
48	0	100.00	102	90.00	101	80.00	101	80.00	0	0.	0	0.
54	0	100.00	0	100.00	0	100.00	100	90.00	0	0.	0	0.
60	0	100.00	0	100.00	99	90.00	98	80.00	0	0.	0	0.
66	0	100.00	0	100.00	95	70.00	94	50.00	0	0.	0	0.
72	92	50.00	90	20.00	89	0.	89	0.	0	0.	0	0.
78	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
84	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
90	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
96	91	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
102	94	20.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
108	96	20.00	96	20.00	95	10.00	94	10.00	0	0.	0	0.
114	98	20.00	98	20.00	98	20.00	97	10.00	0	0.	0	0.
120	101	30.00	100	20.00	99	20.00	99	20.00	0	0.	0	0.
126	101	20.00	100	10.00	100	10.00	99	10.00	0	0.	0	0.
132	101	10.00	100	10.00	100	10.00	100	10.00	0	0.	0	0.
138	101	10.00	101	10.00	100	10.00	100	0.	0	0.	0	0.
144	101	0.	101	0.	100	0.	100	0.	0	0.	0	0.
150	101	0.	101	0.	100	0.	100	0.	0	0.	0	0.
156	101	0.	101	0.	100	0.	100	0.	0	0.	0	0.
162	101	0.	101	0.	101	0.	100	0.	0	0.	0	0.
168	101	0.	101	0.	101	0.	100	0.	0	0.	0	0.
174	101	0.	101	0.	101	0.	100	0.	0	0.	0	0.
180	102	0.	101	0.	101	0.	100	0.	0	0.	0	0.
186	102	0.	101	0.	101	0.	100	0.	0	0.	0	0.
192	102	0.	102	0.	101	0.	101	0.	0	0.	0	0.
198	102	0.	102	0.	101	0.	101	0.	0	0.	0	0.
204	102	0.	102	0.	101	0.	101	0.	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
210	102	0.	101	0.	101	0.	101	0.	0	0.	0	0.
216	102	0.	101	0.	101	0.	100	0.	0	0.	0	0.
222	101	10.00	101	10.00	101	10.00	100	0.	0	0.	0	0.
228	101	10.00	101	10.00	100	10.00	100	10.00	0	0.	0	0.
234	101	20.00	101	20.00	100	10.00	100	10.00	0	0.	0	0.
240	101	30.00	101	30.00	100	20.00	99	20.00	0	0.	0	0.
246	100	30.00	99	20.00	98	20.00	97	10.00	0	0.	0	0.
252	97	30.00	97	30.00	96	20.00	95	10.00	0	0.	0	0.
258	95	30.00	94	20.00	93	10.00	92	0.	0	0.	0	0.
264	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
270	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
276	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
282	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
288	95	60.00	93	40.00	91	10.00	91	0.	0	0.	0	0.
294	0	100.00	98	90.00	97	70.00	95	50.00	0	0.	0	0.
300	0	100.00	0	100.00	100	90.00	99	80.00	0	0.	0	0.
306	0	100.00	0	100.00	102	90.00	101	80.00	0	0.	0	0.
312	103	90.00	103	90.00	102	80.00	101	70.00	0	0.	0	0.
318	103	80.00	102	70.00	102	70.00	101	60.00	0	0.	0	0.
324	102	60.00	101	60.00	101	60.00	100	50.00	0	0.	0	0.
330	100	50.00	100	50.00	99	40.00	99	40.00	0	0.	0	0.
336	99	40.00	99	40.00	99	40.00	98	30.00	0	0.	0	0.
342	99	40.00	99	40.00	99	40.00	98	30.00	0	0.	0	0.
348	99	40.00	99	40.00	99	40.00	98	30.00	0	0.	0	0.
354	100	50.00	99	40.00	99	40.00	98	40.00	0	0.	0	0.
360	100	50.00	100	50.00	99	40.00	99	40.00	0	0.	0	0.
AVERAGE SHIELDING		33.83		30.67		26.33		22.67		0.		0.
AVERAGE TARGET CONTACT ANGLE		99		98		98		97		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE A

SHIELDING OF TARGET AT POSITION A
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
4	96	30.00	95	20.00	95	20.00	94	20.00	0	0.	0	0.
9	96	30.00	95	20.00	95	20.00	94	20.00	0	0.	0	0.
13	96	30.00	95	20.00	95	20.00	94	20.00	0	0.	0	0.
18	96	30.00	95	20.00	95	20.00	94	20.00	0	0.	0	0.
22	96	30.00	95	30.00	95	20.00	94	20.00	0	0.	0	0.
27	96	30.00	95	30.00	95	20.00	94	20.00	0	0.	0	0.
31	96	30.00	96	30.00	95	30.00	94	20.00	0	0.	0	0.
36	97	40.00	96	40.00	96	40.00	95	30.00	0	0.	0	0.
40	97	40.00	97	40.00	96	40.00	96	40.00	0	0.	0	0.
45	98	60.00	98	50.00	97	50.00	97	50.00	0	0.	0	0.
49	99	70.00	98	60.00	98	60.00	98	60.00	0	0.	0	0.
54	100	80.00	99	80.00	99	70.00	98	70.00	0	0.	0	0.
58	0	100.00	0	100.00	99	90.00	98	80.00	0	0.	0	0.
63	0	100.00	0	100.00	0	100.00	98	90.00	0	0.	0	0.
67	0	100.00	0	100.00	0	100.00	96	90.00	0	0.	0	0.
72	0	100.00	94	80.00	93	60.00	92	40.00	0	0.	0	0.
76	92	60.00	91	30.00	89	0.	89	0.	0	0.	0	0.
81	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
85	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
90	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
94	90	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
99	92	10.00	92	10.00	91	0.	91	0.	0	0.	0	0.
103	94	20.00	94	20.00	93	10.00	93	10.00	0	0.	0	0.
108	96	20.00	96	20.00	95	10.00	94	10.00	0	0.	0	0.
112	97	20.00	97	20.00	96	10.00	96	10.00	0	0.	0	0.
117	97	10.00	97	10.00	96	10.00	96	10.00	0	0.	0	0.
121	97	10.00	97	0.	97	0.	96	0.	0	0.	0	0.
126	97	0.	97	0.	97	0.	96	0.	0	0.	0	0.
130	97	0.	97	0.	97	0.	96	0.	0	0.	0	0.
135	97	0.	97	0.	97	0.	96	0.	0	0.	0	0.
139	97	0.	97	0.	97	0.	97	0.	0	0.	0	0.
144	97	0.	97	0.	97	0.	97	0.	0	0.	0	0.
148	98	0.	97	0.	97	0.	97	0.	0	0.	0	0.
153	98	0.	97	0.	97	0.	97	0.	0	0.	0	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
157	98	0.	97	0.	97	0.	97	0.	0	0.	0	0.
162	98	0.	98	0.	97	0.	97	0.	0	0.	0	0.
166	98	0.	98	0.	97	0.	97	0.	0	0.	0	0.
171	98	0.	98	0.	97	0.	97	0.	0	0.	0	0.
175	98	0.	98	0.	98	0.	97	0.	0	0.	0	0.
180	98	0.	98	0.	98	0.	97	0.	0	0.	0	0.
184	99	0.	98	0.	98	0.	98	0.	0	0.	0	0.
189	99	0.	99	0.	98	0.	98	0.	0	0.	0	0.
193	99	0.	99	0.	98	0.	98	0.	0	0.	0	0.
198	99	0.	99	0.	99	0.	98	0.	0	0.	0	0.
202	99	0.	99	0.	99	0.	98	0.	0	0.	0	0.
207	100	0.	99	0.	99	0.	99	0.	0	0.	0	0.
211	100	0.	99	0.	99	0.	99	0.	0	0.	0	0.
216	99	0.	99	0.	99	0.	99	0.	0	0.	0	0.
220	99	0.	99	0.	99	0.	98	0.	0	0.	0	0.
225	99	0.	99	0.	98	0.	98	0.	0	0.	0	0.
229	98	0.	98	0.	98	0.	98	0.	0	0.	0	0.
234	98	0.	98	0.	98	0.	97	0.	0	0.	0	0.
238	98	10.00	98	10.00	97	0.	97	0.	0	0.	0	0.
243	98	10.00	97	10.00	97	10.00	97	10.00	0	0.	0	0.
247	97	20.00	97	20.00	96	10.00	96	10.00	0	0.	0	0.
252	96	20.00	96	20.00	96	20.00	95	10.00	0	0.	0	0.
256	96	40.00	95	30.00	94	20.00	94	10.00	0	0.	0	0.
261	93	30.00	93	20.00	92	10.00	92	0.	0	0.	0	0.
265	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
270	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
274	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
279	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
283	94	80.00	93	50.00	91	20.00	91	0.	0	0.	0	0.
288	97	90.00	96	80.00	95	60.00	94	50.00	0	0.	0	0.
292	0	100.00	0	100.00	98	90.00	97	80.00	0	0.	0	0.
297	99	90.00	99	80.00	98	80.00	97	70.00	0	0.	0	0.
301	99	70.00	98	60.00	98	60.00	97	50.00	0	0.	0	0.
306	97	50.00	97	50.00	96	40.00	96	40.00	0	0.	0	0.

TABLE 51 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
310	97	40.00	97	40.00	96	40.00	95	30.00	0	0.	0	0.
315	96	30.00	96	30.00	95	30.00	95	20.00	0	0.	0	0.
319	96	30.00	96	30.00	95	20.00	94	20.00	0	0.	0	0.
324	95	20.00	95	20.00	94	20.00	94	20.00	0	0.	0	0.
328	95	20.00	94	20.00	94	20.00	93	10.00	0	0.	0	0.
333	94	20.00	94	20.00	93	10.00	93	10.00	0	0.	0	0.
337	95	20.00	94	20.00	94	10.00	93	10.00	0	0.	0	0.
342	95	20.00	94	20.00	94	10.00	93	10.00	0	0.	0	0.
346	95	20.00	94	20.00	94	10.00	93	10.00	0	0.	0	0.
351	95	20.00	95	20.00	94	20.00	94	20.00	0	0.	0	0.
355	95	20.00	95	20.00	95	20.00	94	20.00	0	0.	0	0.
360	96	30.00	95	20.00	95	20.00	94	20.00	0	0.	0	0.
AVERAGE SHIELDING		24.62		21.75		18.12		15.75		0.		0.
AVERAGE TARGET CONTACT ANGLE		96		96		95		95		0		0

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 8
SHIELDING OF TARGET AT POSITION A
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	92	10.00	92	10.00	92	10.00	91	0.	0	0.	0	0.
7	92	10.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
10	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
14	93	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
18	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
21	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
25	93	20.00	93	20.00	93	10.00	92	10.00	0	0.	0	0.
28	94	20.00	94	20.00	93	20.00	93	10.00	0	0.	0	0.
32	94	20.00	94	20.00	94	20.00	93	20.00	0	0.	0	0.
36	95	30.00	95	30.00	94	30.00	94	20.00	0	0.	0	0.
39	95	30.00	95	30.00	95	30.00	94	30.00	0	0.	0	0.
43	96	40.00	95	30.00	95	30.00	95	30.00	0	0.	0	0.
46	96	40.00	96	40.00	96	40.00	95	40.00	0	0.	0	0.
50	97	50.00	96	50.00	96	50.00	96	40.00	0	0.	0	0.
54	97	60.00	97	60.00	96	50.00	96	50.00	0	0.	0	0.
57	98	70.00	97	70.00	97	70.00	96	60.00	0	0.	0	0.
61	98	90.00	98	80.00	97	80.00	97	80.00	0	0.	0	0.
64	0	100.00	0	100.00	97	90.00	97	90.00	0	0.	0	0.
68	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
72	0	100.00	0	100.00	0	100.00	95	90.00	0	0.	0	0.
75	0	100.00	94	90.00	93	70.00	92	50.00	0	0.	0	0.
79	91	50.00	90	20.00	89	0.	89	0.	0	0.	0	0.
82	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
86	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
90	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
93	90	10.00	90	0.	89	0.	89	0.	0	0.	0	0.
97	91	10.00	91	10.00	91	0.	90	0.	0	0.	0	0.
100	93	20.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
104	94	20.00	94	20.00	94	10.00	93	10.00	0	0.	0	0.
108	95	10.00	95	10.00	94	10.00	94	10.00	0	0.	0	0.
111	95	10.00	95	10.00	95	10.00	94	0.	0	0.	0	0.
115	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
118	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
122	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.

TABLE 51 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
126	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.
129	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.
133	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.
136	95	0.	94	0.	94	0.	94	0.	0	0.	0	0.
140	95	0.	94	0.	94	0.	94	0.	0	0.	0	0.
144	95	0.	94	0.	94	0.	94	0.	0	0.	0	0.
147	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.
151	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.
154	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.
158	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
162	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
165	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
169	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
172	96	0.	96	0.	95	0.	95	0.	0	0.	0	0.
176	96	0.	96	0.	96	0.	95	0.	0	0.	0	0.
180	96	0.	96	0.	96	0.	95	0.	0	0.	0	0.
183	96	0.	96	0.	96	0.	96	0.	0	0.	0	0.
187	97	0.	96	0.	96	0.	96	0.	0	0.	0	0.
190	97	0.	97	0.	96	0.	96	0.	0	0.	0	0.
194	97	0.	97	0.	97	0.	96	0.	0	0.	0	0.
198	97	0.	97	0.	97	0.	97	0.	0	0.	0	0.
201	98	0.	97	0.	97	0.	97	0.	0	0.	0	0.
205	98	0.	97	0.	97	0.	97	0.	0	0.	0	0.
208	98	0.	98	0.	97	0.	97	0.	0	0.	0	0.
212	98	0.	98	0.	97	0.	97	0.	0	0.	0	0.
216	98	0.	98	0.	97	0.	97	0.	0	0.	0	0.
219	98	0.	97	0.	97	0.	97	0.	0	0.	0	0.
223	97	0.	97	0.	97	0.	97	0.	0	0.	0	0.
226	97	0.	97	0.	97	0.	97	0.	0	0.	0	0.
230	97	0.	97	0.	97	0.	96	0.	0	0.	0	0.
234	97	0.	97	0.	96	0.	96	0.	0	0.	0	0.
237	96	0.	96	0.	96	0.	96	0.	0	0.	0	0.
241	96	0.	96	0.	96	0.	95	0.	0	0.	0	0.
244	96	10.00	96	0.	95	0.	95	0.	0	0.	0	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
248	95	10.00	95	10.00	95	10.00	95	0.	0	0.	0	0.
252	95	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
255	95	20.00	95	20.00	94	20.00	94	10.00	0	0.	0	0.
259	94	30.00	94	20.00	93	10.00	93	10.00	0	0.	0	0.
262	92	20.00	92	10.00	91	10.00	91	0.	0	0.	0	0.
266	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
270	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
273	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
277	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
280	94	90.00	93	60.00	92	30.00	91	10.00	0	0.	0	0.
284	0	100.00	95	90.00	94	70.00	94	60.00	0	0.	0	0.
288	97	90.00	96	80.00	95	70.00	95	60.00	0	0.	0	0.
291	96	70.00	96	70.00	95	60.00	95	50.00	0	0.	0	0.
295	96	50.00	95	50.00	95	50.00	94	40.00	0	0.	0	0.
298	95	40.00	94	30.00	94	30.00	94	30.00	0	0.	0	0.
302	94	30.00	94	30.00	94	20.00	93	20.00	0	0.	0	0.
306	94	20.00	94	20.00	94	20.00	93	20.00	0	0.	0	0.
309	94	20.00	94	20.00	93	20.00	93	20.00	0	0.	0	0.
313	94	20.00	94	20.00	93	10.00	93	10.00	0	0.	0	0.
316	94	20.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
320	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
324	93	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
327	92	10.00	92	10.00	92	10.00	91	0.	0	0.	0	0.
331	92	10.00	92	0.	91	0.	91	0.	0	0.	0	0.
334	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
338	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
342	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
345	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
349	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
352	92	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
356	92	10.00	92	10.00	91	0.	91	0.	0	0.	0	0.
360	92	10.00	92	10.00	91	10.00	91	0.	0	0.	0	0.
AVERAGE SHIELDING		17.80		15.80		13.80		11.80		0.		0.
AVERAGE TARGET CONTACT ANGLE		94		94		94		93		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

51

TABLE X

SHIELDING OF TARGET AT POSITION A

RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
6	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
9	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
12	91	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
15	92	10.00	92	10.00	91	10.00	91	0.	0	0.	0	0.
18	92	10.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
21	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
24	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
27	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
30	93	20.00	93	20.00	93	10.00	92	10.00	0	0.	0	0.
33	94	20.00	93	20.00	93	20.00	93	10.00	0	0.	0	0.
36	94	20.00	94	20.00	93	20.00	93	20.00	0	0.	0	0.
39	94	30.00	94	30.00	94	20.00	94	20.00	0	0.	0	0.
42	95	30.00	95	30.00	94	30.00	94	20.00	0	0.	0	0.
45	95	30.00	95	30.00	94	30.00	94	30.00	0	0.	0	0.
48	95	30.00	95	30.00	94	30.00	94	30.00	0	0.	0	0.
51	95	40.00	95	40.00	95	40.00	94	30.00	0	0.	0	0.
54	95	40.00	95	40.00	95	40.00	95	40.00	0	0.	0	0.
57	95	50.00	95	50.00	95	40.00	95	40.00	0	0.	0	0.
60	96	60.00	96	60.00	95	50.00	95	50.00	0	0.	0	0.
63	96	70.00	96	70.00	96	70.00	95	60.00	0	0.	0	0.
66	96	80.00	96	80.00	96	70.00	95	70.00	0	0.	0	0.
69	0	100.00	0	100.00	96	90.00	95	80.00	0	0.	0	0.
72	0	100.00	0	100.00	0	100.00	95	90.00	0	0.	0	0.
75	0	100.00	0	100.00	0	100.00	94	90.00	0	0.	0	0.
78	0	100.00	0	100.00	92	60.00	91	50.00	0	0.	0	0.
81	91	50.00	90	20.00	89	0.	89	0.	0	0.	0	0.
84	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
87	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
90	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
93	90	10.00	90	0.	89	0.	89	0.	0	0.	0	0.
96	91	10.00	91	10.00	90	0.	90	0.	0	0.	0	0.
99	92	20.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
102	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.

TABLE 5/ (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
105	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
108	94	10.00	93	0.	93	0.	93	0.	0	0.	0	0.
111	94	0.	93	0.	93	0.	93	0.	0	0.	0	0.
114	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
117	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
120	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
123	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
126	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
129	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
132	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
135	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
138	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
141	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
144	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
147	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
150	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
153	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
156	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
159	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
162	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
165	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
168	94	0.	93	0.	93	0.	93	0.	0	0.	0	0.
171	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
174	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
177	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
180	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
183	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.
186	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
189	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
192	96	0.	95	0.	95	0.	95	0.	0	0.	0	0.
195	96	0.	96	0.	96	0.	95	0.	0	0.	0	0.
198	96	0.	96	0.	96	0.	96	0.	0	0.	0	0.
201	96	0.	96	0.	96	0.	96	0.	0	0.	0	0.
204	96	0.	96	0.	96	0.	96	0.	0	0.	0	0.

TABLE 51 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
207	97	0.	96	0.	96	0.	96	0.	0	0.	0	0.
210	97	0.	97	0.	96	0.	96	0.	0	0.	0	0.
213	97	0.	97	0.	96	0.	96	0.	0	0.	0	0.
216	97	0.	97	0.	96	0.	96	0.	0	0.	0	0.
219	97	0.	97	0.	96	0.	96	0.	0	0.	0	0.
222	97	0.	96	0.	96	0.	96	0.	0	0.	0	0.
225	96	0.	96	0.	96	0.	96	0.	0	0.	0	0.
228	96	0.	96	0.	96	0.	96	0.	0	0.	0	0.
231	96	0.	96	0.	96	0.	95	0.	0	0.	0	0.
234	96	0.	96	0.	96	0.	95	0.	0	0.	0	0.
237	96	0.	96	0.	95	0.	95	0.	0	0.	0	0.
240	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
243	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
246	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
249	95	0.	94	0.	94	0.	94	0.	0	0.	0	0.
252	94	10.00	94	10.00	94	0.	94	0.	0	0.	0	0.
255	94	10.00	94	10.00	94	10.00	93	10.00	0	0.	0	0.
258	94	20.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
261	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
264	91	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
267	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
270	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
273	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
276	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
279	94	90.00	93	70.00	92	40.00	91	20.00	0	0.	0	0.
282	0	100.00	94	80.00	94	70.00	93	50.00	0	0.	0	0.
285	95	70.00	94	70.00	94	60.00	93	50.00	0	0.	0	0.
288	94	50.00	94	50.00	94	40.00	93	40.00	0	0.	0	0.
291	94	40.00	94	40.00	93	30.00	93	30.00	0	0.	0	0.
294	94	30.00	93	30.00	93	20.00	93	20.00	0	0.	0	0.
297	93	30.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
300	93	20.00	93	20.00	93	20.00	92	10.00	0	0.	0	0.
303	93	20.00	93	20.00	93	20.00	92	10.00	0	0.	0	0.
306	93	20.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.

TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
309	93	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
312	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
315	92	10.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
318	92	10.00	92	10.00	91	10.00	91	0.	0	0.	0	0.
321	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
324	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
327	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
330	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
333	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
336	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
339	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
342	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
345	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
348	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
351	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
354	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
357	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
360	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
AVERAGE SHIELDING		14.08		12.92		10.83		9.42		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		93		93		93		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE X

SHIELDING OF TARGET AT POSITION A

RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
5	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
7	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
10	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
12	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
15	91	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
18	92	10.00	92	10.00	91	10.00	91	0.	0	0.	0	0.
20	92	10.00	92	10.00	91	10.00	91	10.00	0	0.	0	0.
23	92	10.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
25	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
28	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
30	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
33	93	20.00	93	20.00	93	10.00	92	10.00	0	0.	0	0.
36	93	20.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
38	93	20.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
41	93	20.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
43	93	20.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
46	93	20.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
48	94	30.00	93	30.00	93	20.00	93	20.00	0	0.	0	0.
51	94	30.00	94	30.00	93	30.00	93	20.00	0	0.	0	0.
54	94	30.00	94	30.00	93	30.00	93	30.00	0	0.	0	0.
56	94	40.00	94	40.00	94	30.00	93	30.00	0	0.	0	0.
59	95	50.00	94	40.00	94	40.00	94	40.00	0	0.	0	0.
61	95	50.00	94	50.00	94	50.00	94	40.00	0	0.	0	0.
64	95	60.00	95	60.00	94	50.00	94	50.00	0	0.	0	0.
66	95	70.00	95	70.00	95	60.00	94	60.00	0	0.	0	0.
69	95	80.00	95	80.00	95	70.00	94	70.00	0	0.	0	0.
72	0	100.00	95	90.00	95	80.00	94	80.00	0	0.	0	0.
74	0	100.00	0	100.00	94	90.00	94	80.00	0	0.	0	0.
77	0	100.00	0	100.00	0	100.00	93	80.00	0	0.	0	0.
79	0	100.00	0	100.00	92	70.00	91	50.00	0	0.	0	0.
82	90	50.00	90	30.00	89	0.	89	0.	0	0.	0	0.
84	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
87	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.

TABLE 51 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
90	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
92	90	10.00	89	0.	89	0.	89	0.	0	0.	0	0.
95	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
97	91	10.00	91	10.00	91	10.00	91	10.00	0	0.	0	0.
100	92	10.00	92	10.00	92	10.00	91	0.	0	0.	0	0.
102	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
105	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
108	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
110	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
113	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
115	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
118	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
120	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
123	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
126	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
128	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
131	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
133	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
136	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
138	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
141	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
144	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
146	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
149	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
151	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
154	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
156	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
159	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
162	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
164	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
167	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
169	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
172	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
174	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.

TABLE 5/ (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
177	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
180	94	0.	93	0.	93	0.	93	0.	0	0.	0	0.
182	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
185	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
187	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
190	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.
192	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
195	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
198	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
200	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
203	96	0.	95	0.	95	0.	95	0.	0	0.	0	0.
205	96	0.	96	0.	95	0.	95	0.	0	0.	0	0.
208	96	0.	96	0.	95	0.	95	0.	0	0.	0	0.
210	96	0.	96	0.	96	0.	95	0.	0	0.	0	0.
213	96	0.	96	0.	96	0.	95	0.	0	0.	0	0.
216	96	0.	96	0.	96	0.	95	0.	0	0.	0	0.
218	96	0.	96	0.	96	0.	95	0.	0	0.	0	0.
221	96	0.	96	0.	95	0.	95	0.	0	0.	0	0.
223	96	0.	96	0.	95	0.	95	0.	0	0.	0	0.
226	96	0.	95	0.	95	0.	95	0.	0	0.	0	0.
228	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
231	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
234	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
236	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
239	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
241	95	0.	94	0.	94	0.	94	0.	0	0.	0	0.
244	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
246	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
249	94	0.	93	0.	93	0.	93	0.	0	0.	0	0.
252	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
254	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
257	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
259	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
262	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.

TABLE 51 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
264	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
267	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
270	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
272	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
275	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
277	91	30.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
280	92	40.00	92	30.00	91	20.00	91	10.00	0	0.	0	0.
282	92	30.00	92	30.00	91	20.00	91	20.00	0	0.	0	0.
285	92	30.00	92	20.00	92	20.00	91	20.00	0	0.	0	0.
288	92	20.00	92	20.00	92	20.00	91	10.00	0	0.	0	0.
290	92	20.00	92	20.00	92	10.00	91	10.00	0	0.	0	0.
293	92	20.00	92	20.00	92	10.00	92	10.00	0	0.	0	0.
295	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
298	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
300	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
303	92	10.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
306	92	10.00	92	10.00	91	10.00	91	0.	0	0.	0	0.
309	91	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
311	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
313	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
316	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
318	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
321	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
324	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
326	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
329	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
331	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
334	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
336	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
339	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
342	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
344	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
347	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
349	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
352	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
354	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
357	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
360	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
AVERAGE SHIELDING		9.79		9.21		7.64		6.71		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		92		92		92		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 51

SHIELDING OF TARGET AT POSITION A
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
4	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
6	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
9	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
11	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
13	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
15	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
18	91	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
20	91	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
22	91	10.00	91	10.00	91	10.00	91	0.	0	0.	0	0.
24	92	10.00	92	10.00	91	10.00	91	10.00	0	0.	0	0.
27	92	10.00	92	10.00	91	10.00	91	10.00	0	0.	0	0.
29	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
31	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
33	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
36	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
38	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
40	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
42	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
45	92	20.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
47	92	20.00	92	20.00	92	10.00	92	10.00	0	0.	0	0.
49	92	20.00	92	20.00	92	20.00	92	20.00	0	0.	0	0.
51	92	20.00	92	20.00	92	20.00	92	20.00	0	0.	0	0.
54	92	20.00	92	20.00	92	20.00	92	20.00	0	0.	0	0.
56	93	30.00	92	20.00	92	20.00	92	20.00	0	0.	0	0.
58	93	30.00	93	30.00	93	30.00	92	20.00	0	0.	0	0.
60	93	30.00	93	30.00	93	30.00	93	30.00	0	0.	0	0.
63	93	40.00	93	40.00	93	40.00	93	40.00	0	0.	0	0.
65	94	50.00	94	50.00	93	40.00	93	40.00	0	0.	0	0.
67	94	60.00	94	60.00	94	50.00	93	50.00	0	0.	0	0.
69	94	70.00	94	60.00	94	60.00	94	60.00	0	0.	0	0.
72	94	80.00	94	70.00	94	70.00	93	60.00	0	0.	0	0.
74	94	90.00	94	80.00	94	80.00	93	70.00	0	0.	0	0.
76	0	100.00	0	100.00	94	90.00	93	80.00	0	0.	0	0.

TABLE 51 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
78	0	100.00	0	100.00	93	90.00	92	70.00	0	0.	0	0.
81	0	100.00	92	80.00	91	60.00	91	40.00	0	0.	0	0.
83	91	60.00	90	30.00	89	0.	89	0.	0	0.	0	0.
85	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
87	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
90	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
92	89	10.00	89	0.	89	0.	89	0.	0	0.	0	0.
94	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
96	91	10.00	91	10.00	91	10.00	91	0.	0	0.	0	0.
99	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
101	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
103	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
105	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
108	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
110	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
112	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
114	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
117	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
119	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
121	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
123	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
126	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
128	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
130	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
132	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
135	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
137	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
139	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
141	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
144	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
146	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
148	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
150	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
153	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.

TABLE 51 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
155	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
157	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
159	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
162	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
164	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
166	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
168	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
171	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
173	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
175	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
177	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
180	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
182	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
184	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
186	94	0.	93	0.	93	0.	93	0.	0	0.	0	0.
189	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
191	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
193	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
195	95	0.	94	0.	94	0.	94	0.	0	0.	0	0.
198	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.
200	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
202	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
204	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
207	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
209	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
211	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
213	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
216	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
218	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
220	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
222	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
225	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
227	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
229	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.

TABLE 51 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
231	95	0.	94	0.	94	0.	94	0.	0	0.	0	0.
234	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
236	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
238	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
240	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
243	94	0.	93	0.	93	0.	93	0.	0	0.	0	0.
245	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
247	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
249	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
252	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
254	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
256	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
258	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
261	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
263	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
265	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
267	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
270	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
272	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
274	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
276	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
279	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
281	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
283	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
285	91	10.00	91	10.00	90	0.	90	0.	0	0.	0	0.
288	91	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
290	91	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
292	91	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
294	91	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
297	91	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
299	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
301	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
303	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
306	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
308	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
310	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
312	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
315	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
317	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
319	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
321	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
324	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
326	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
328	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
330	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
333	88	0.	88	0.	88	0.	88	0.	0	0.	0	0.
335	88	0.	88	0.	88	0.	88	0.	0	0.	0	0.
337	88	0.	88	0.	88	0.	88	0.	0	0.	0	0.
339	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
342	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
344	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
346	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
348	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
351	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
353	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
355	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
357	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
360	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
AVERAGE SHIELDING		7.25		6.31		5.31		4.69		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		91		91		91		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 7
SHIELDING OF TARGET AT POSITION B
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
18	96	40.00	94	20.00	91	0.	89	0.	0	0.	0	0.
36	90	0.	89	0.	88	0.	86	0.	0	0.	0	0.
54	90	0.	89	0.	87	0.	86	0.	0	0.	0	0.
72	90	0.	89	0.	88	0.	86	0.	0	0.	0	0.
90	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
108	94	0.	93	0.	91	0.	90	0.	0	0.	0	0.
126	104	30.00	99	10.00	98	0.	97	0.	0	0.	0	0.
144	107	20.00	106	20.00	103	10.00	102	0.	0	0.	0	0.
162	112	30.00	109	20.00	108	20.00	105	10.00	0	0.	0	0.
180	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
198	110	20.00	109	20.00	108	20.00	105	10.00	0	0.	0	0.
216	106	20.00	104	10.00	103	10.00	101	0.	0	0.	0	0.
234	102	20.00	99	10.00	98	0.	96	0.	0	0.	0	0.
252	94	0.	93	0.	92	0.	90	0.	0	0.	0	0.
270	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
288	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
306	90	0.	89	0.	88	0.	87	0.	0	0.	0	0.
324	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
342	100	50.00	96	30.00	91	0.	89	0.	0	0.	0	0.
360	104	70.00	100	50.00	92	10.00	90	0.	0	0.	0	0.
AVERAGE SHIELDING		15.00		9.50		3.50		1.00		0.		0.
AVERAGE TARGET CONTACT ANGLE		97		95		93		92		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE NO. 5

TABLE 52

SHIELDING OF TARGET AT POSITION B

RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
9	0	100.00	108	90.00	106	80.00	106	80.00	0	0.	0	0.
18	0	100.00	0	100.00	107	90.00	106	80.00	0	0.	0	0.
27	0	100.00	0	100.00	106	90.00	105	80.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	104	90.00	0	0.	0	0.
45	0	100.00	0	100.00	101	80.00	100	70.00	0	0.	0	0.
54	0	100.00	100	90.00	97	60.00	95	40.00	0	0.	0	0.
63	96	70.00	91	20.00	89	0.	89	0.	0	0.	0	0.
72	89	0.	89	0.	88	0.	87	0.	0	0.	0	0.
81	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
99	91	10.00	91	0.	90	0.	89	0.	0	0.	0	0.
108	97	30.00	95	10.00	94	10.00	93	0.	0	0.	0	0.
117	99	20.00	99	20.00	97	10.00	97	10.00	0	0.	0	0.
126	104	30.00	102	20.00	102	20.00	100	10.00	0	0.	0	0.
135	106	30.00	105	20.00	104	20.00	103	20.00	0	0.	0	0.
144	106	20.00	106	20.00	105	10.00	104	10.00	0	0.	0	0.
153	105	10.00	106	10.00	105	10.00	104	10.00	0	0.	0	0.
162	105	10.00	106	10.00	105	10.00	105	10.00	0	0.	0	0.
171	105	10.00	106	10.00	105	10.00	105	10.00	0	0.	0	0.
180	106	10.00	106	10.00	105	10.00	105	10.00	0	0.	0	0.
189	106	10.00	106	10.00	105	10.00	105	10.00	0	0.	0	0.
198	106	10.00	106	10.00	105	10.00	104	10.00	0	0.	0	0.
207	106	10.00	105	10.00	105	10.00	104	10.00	0	0.	0	0.
216	106	20.00	105	10.00	104	10.00	103	10.00	0	0.	0	0.
225	105	20.00	104	20.00	104	20.00	102	10.00	0	0.	0	0.
234	104	30.00	103	20.00	102	20.00	100	10.00	0	0.	0	0.
243	101	40.00	99	20.00	98	10.00	97	10.00	0	0.	0	0.
252	97	30.00	95	10.00	94	10.00	94	0.	0	0.	0	0.
261	92	0.	91	0.	91	0.	90	0.	0	0.	0	0.
270	91	0.	90	0.	89	0.	89	0.	0	0.	0	0.
279	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
288	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
297	96	60.00	92	20.00	91	0.	90	0.	0	0.	0	0.
306	0	100.00	100	80.00	98	60.00	95	40.00	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
315	0	100.00	0	100.00	102	80.00	100	70.00	0	0.	0	0.
324	0	100.00	0	100.00	105	90.00	103	80.00	0	0.	0	0.
333	0	100.00	107	90.00	105	80.00	104	70.00	0	0.	0	0.
342	0	100.00	108	90.00	106	80.00	105	80.00	0	0.	0	0.
351	0	100.00	108	90.00	107	80.00	105	70.00	0	0.	0	0.
360	0	100.00	108	90.00	107	80.00	106	80.00	0	0.	0	0.
AVERAGE SHIELDING		44.50		37.50		31.50		27.25		0.		0.
AVERAGE TARGET CONTACT ANGLE		99		100		99		99		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE I

SHIELDING OF TARGET AT POSITION B

RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
6	100	50.00	99	40.00	99	40.00	98	40.00	0	0.	0	0.
12	100	50.00	99	40.00	98	40.00	98	40.00	0	0.	0	0.
18	100	50.00	99	40.00	99	40.00	98	40.00	0	0.	0	0.
24	100	50.00	100	50.00	99	40.00	98	40.00	0	0.	0	0.
30	101	60.00	101	60.00	100	50.00	99	50.00	0	0.	0	0.
36	103	80.00	102	70.00	101	70.00	100	60.00	0	0.	0	0.
42	103	90.00	103	90.00	102	80.00	101	70.00	0	0.	0	0.
48	0	100.00	0	100.00	0	100.00	102	90.00	0	0.	0	0.
54	0	100.00	0	100.00	0	100.00	100	90.00	0	0.	0	0.
60	0	100.00	0	100.00	0	100.00	98	80.00	0	0.	0	0.
66	0	100.00	0	100.00	95	70.00	94	50.00	0	0.	0	0.
72	93	50.00	91	20.00	89	0.	89	0.	0	0.	0	0.
78	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
84	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
90	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
96	90	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
102	93	10.00	92	10.00	92	0.	91	0.	0	0.	0	0.
108	96	20.00	96	20.00	95	10.00	94	10.00	0	0.	0	0.
114	96	20.00	97	10.00	97	10.00	96	10.00	0	0.	0	0.
120	100	20.00	99	20.00	99	20.00	98	10.00	0	0.	0	0.
126	100	10.00	99	10.00	99	10.00	98	10.00	0	0.	0	0.
132	100	10.00	100	10.00	99	0.	99	0.	0	0.	0	0.
138	100	0.	100	0.	100	0.	99	0.	0	0.	0	0.
144	100	0.	100	0.	100	0.	99	0.	0	0.	0	0.
150	100	0.	100	0.	100	0.	99	0.	0	0.	0	0.
156	101	0.	100	0.	100	0.	100	0.	0	0.	0	0.
162	101	0.	101	0.	100	0.	100	0.	0	0.	0	0.
168	101	0.	101	0.	100	0.	100	0.	0	0.	0	0.
174	101	0.	101	0.	100	0.	100	0.	0	0.	0	0.
180	101	0.	101	0.	101	0.	100	0.	0	0.	0	0.
186	101	0.	101	0.	101	0.	100	0.	0	0.	0	0.
192	102	0.	101	0.	101	0.	100	0.	0	0.	0	0.
198	102	0.	101	0.	101	0.	100	0.	0	0.	0	0.
204	102	0.	101	0.	101	0.	101	0.	0	0.	0	0.

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TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
210	102	0.	101	0.	101	0.	101	0.	0	0.	0	0.
216	102	0.	101	0.	101	0.	100	0.	0	0.	0	0.
222	101	10.00	101	10.00	101	0.	100	0.	0	0.	0	0.
228	101	10.00	101	10.00	100	10.00	100	10.00	0	0.	0	0.
234	102	20.00	101	10.00	100	10.00	100	10.00	0	0.	0	0.
240	101	30.00	101	30.00	100	20.00	100	20.00	0	0.	0	0.
246	100	40.00	100	30.00	99	20.00	98	20.00	0	0.	0	0.
252	97	30.00	96	20.00	96	20.00	95	10.00	0	0.	0	0.
258	94	20.00	93	10.00	93	0.	92	0.	0	0.	0	0.
264	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
270	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
276	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
282	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
288	94	50.00	92	30.00	91	10.00	90	0.	0	0.	0	0.
294	0	100.00	0	100.00	96	70.00	95	50.00	0	0.	0	0.
300	0	100.00	0	100.00	0	100.00	99	80.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	101	90.00	0	0.	0	0.
312	0	100.00	0	100.00	102	90.00	101	80.00	0	0.	0	0.
318	103	80.00	103	80.00	102	70.00	101	70.00	0	0.	0	0.
324	102	70.00	102	70.00	101	60.00	100	60.00	0	0.	0	0.
330	101	60.00	100	50.00	100	50.00	99	50.00	0	0.	0	0.
336	100	50.00	100	50.00	99	40.00	99	40.00	0	0.	0	0.
342	100	50.00	100	50.00	99	40.00	99	40.00	0	0.	0	0.
348	100	50.00	100	50.00	99	40.00	99	40.00	0	0.	0	0.
354	100	50.00	100	50.00	99	40.00	98	40.00	0	0.	0	0.
360	100	50.00	99	40.00	99	40.00	98	40.00	0	0.	0	0.
AVERAGE SHIELDING		34.17		31.33		26.83		24.00		0.		0.
AVERAGE TARGET CONTACT ANGLE		98		98		97		97		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 7

SHIELDING OF TARGET AT POSITION B

RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
4	95	20.00	95	20.00	94	20.00	94	20.00	0	0.	0	0.
9	95	20.00	95	20.00	94	20.00	94	20.00	0	0.	0	0.
13	95	20.00	95	20.00	94	20.00	94	20.00	0	0.	0	0.
18	96	30.00	95	20.00	95	20.00	94	20.00	0	0.	0	0.
22	96	30.00	96	30.00	96	30.00	95	20.00	0	0.	0	0.
27	96	30.00	96	30.00	96	30.00	96	30.00	0	0.	0	0.
31	97	40.00	97	40.00	96	30.00	96	30.00	0	0.	0	0.
36	98	50.00	98	50.00	97	40.00	97	40.00	0	0.	0	0.
40	98	50.00	98	50.00	98	50.00	97	40.00	0	0.	0	0.
45	99	60.00	99	60.00	98	60.00	98	50.00	0	0.	0	0.
49	100	80.00	99	70.00	99	70.00	98	60.00	0	0.	0	0.
54	100	90.00	100	90.00	99	80.00	99	80.00	0	0.	0	0.
58	0	100.00	0	100.00	99	90.00	99	90.00	0	0.	0	0.
63	0	100.00	0	100.00	0	100.00	98	90.00	0	0.	0	0.
67	0	100.00	0	100.00	0	100.00	96	90.00	0	0.	0	0.
72	0	100.00	94	80.00	93	60.00	92	40.00	0	0.	0	0.
76	92	50.00	91	30.00	89	0.	89	0.	0	0.	0	0.
81	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
85	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
90	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
94	90	10.00	90	0.	89	0.	89	0.	0	0.	0	0.
99	92	20.00	92	10.00	91	0.	91	0.	0	0.	0	0.
103	94	20.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
108	95	10.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
112	96	10.00	96	10.00	96	10.00	95	10.00	0	0.	0	0.
117	97	10.00	96	10.00	96	0.	96	0.	0	0.	0	0.
121	97	0.	96	0.	96	0.	96	0.	0	0.	0	0.
126	97	0.	96	0.	96	0.	96	0.	0	0.	0	0.
130	97	0.	96	0.	96	0.	96	0.	0	0.	0	0.
135	97	0.	96	0.	96	0.	96	0.	0	0.	0	0.
139	97	0.	96	0.	96	0.	96	0.	0	0.	0	0.
144	97	0.	96	0.	96	0.	96	0.	0	0.	0	0.
148	97	0.	96	0.	96	0.	96	0.	0	0.	0	0.
153	97	0.	97	0.	96	0.	96	0.	0	0.	0	0.

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
157	97	0.	97	0.	96	0.	96	0.	0	0.	0	0.
162	97	0.	97	0.	97	0.	96	0.	0	0.	0	0.
166	97	0.	97	0.	97	0.	96	0.	0	0.	0	0.
171	97	0.	97	0.	97	0.	96	0.	0	0.	0	0.
175	98	0.	97	0.	97	0.	97	0.	0	0.	0	0.
180	98	0.	98	0.	97	0.	97	0.	0	0.	0	0.
184	98	0.	98	0.	97	0.	97	0.	0	0.	0	0.
189	98	0.	98	0.	98	0.	97	0.	0	0.	0	0.
193	99	0.	98	0.	98	0.	98	0.	0	0.	0	0.
198	99	0.	98	0.	98	0.	98	0.	0	0.	0	0.
202	99	0.	99	0.	98	0.	98	0.	0	0.	0	0.
207	99	0.	99	0.	99	0.	98	0.	0	0.	0	0.
211	99	0.	99	0.	99	0.	98	0.	0	0.	0	0.
216	99	0.	99	0.	99	0.	98	0.	0	0.	0	0.
220	99	0.	99	0.	99	0.	98	0.	0	0.	0	0.
225	99	0.	99	0.	99	0.	98	0.	0	0.	0	0.
229	99	0.	99	0.	98	0.	98	0.	0	0.	0	0.
234	99	0.	98	0.	98	0.	98	0.	0	0.	0	0.
238	98	10.00	98	10.00	98	0.	97	0.	0	0.	0	0.
243	98	10.00	98	10.00	98	10.00	97	10.00	0	0.	0	0.
247	98	20.00	98	20.00	97	20.00	97	20.00	0	0.	0	0.
252	97	20.00	96	20.00	96	20.00	95	10.00	0	0.	0	0.
256	96	50.00	95	20.00	94	20.00	94	10.00	0	0.	0	0.
261	93	30.00	93	20.00	92	10.00	92	0.	0	0.	0	0.
265	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
270	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
274	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
279	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
283	94	80.00	93	50.00	91	10.00	90	0.	0	0.	0	0.
288	0	100.00	96	80.00	95	60.00	93	40.00	0	0.	0	0.
292	0	100.00	0	100.00	98	90.00	97	80.00	0	0.	0	0.
297	0	100.00	0	100.00	99	90.00	98	80.00	0	0.	0	0.
301	99	80.00	99	80.00	99	80.00	98	70.00	0	0.	0	0.
306	99	70.00	99	70.00	98	60.00	98	60.00	0	0.	0	0.

TABLE ~~7~~ 52 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
310	98	60.00	98	50.00	97	50.00	97	50.00	0	0.	0	0.
315	97	40.00	97	40.00	96	40.00	95	30.00	0	0.	0	0.
319	97	40.00	96	30.00	96	30.00	95	30.00	0	0.	0	0.
324	96	30.00	96	30.00	95	30.00	95	30.00	0	0.	0	0.
328	96	30.00	96	30.00	95	20.00	95	20.00	0	0.	0	0.
333	96	30.00	96	30.00	95	20.00	95	20.00	0	0.	0	0.
337	96	30.00	96	30.00	95	20.00	95	20.00	0	0.	0	0.
342	96	30.00	96	30.00	95	20.00	95	20.00	0	0.	0	0.
346	96	30.00	96	30.00	95	20.00	95	20.00	0	0.	0	0.
351	96	30.00	95	20.00	95	20.00	94	20.00	0	0.	0	0.
355	96	30.00	95	20.00	95	20.00	94	20.00	0	0.	0	0.
360	95	20.00	95	20.00	95	20.00	94	20.00	0	0.	0	0.
AVERAGE SHIELDING		26.62		23.75		20.37		18.12		0.		0.
AVERAGE TARGET CONTACT ANGLE		96		96		96		95		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8
SHIELDING OF TARGET AT POSITION B
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	93	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
7	93	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
10	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
14	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
18	94	20.00	94	20.00	93	10.00	93	10.00	0	0.	0	0.
21	94	20.00	94	20.00	94	20.00	93	20.00	0	0.	0	0.
25	95	20.00	94	20.00	94	20.00	94	20.00	0	0.	0	0.
28	95	20.00	95	20.00	94	20.00	94	20.00	0	0.	0	0.
32	96	30.00	95	30.00	95	30.00	94	20.00	0	0.	0	0.
36	96	40.00	96	40.00	95	30.00	95	30.00	0	0.	0	0.
39	96	40.00	96	40.00	96	40.00	95	30.00	0	0.	0	0.
43	96	40.00	96	40.00	96	40.00	96	40.00	0	0.	0	0.
46	97	50.00	96	40.00	96	40.00	96	40.00	0	0.	0	0.
50	97	50.00	97	50.00	96	50.00	96	50.00	0	0.	0	0.
54	97	60.00	97	60.00	96	50.00	96	50.00	0	0.	0	0.
57	98	70.00	97	70.00	97	70.00	96	60.00	0	0.	0	0.
61	98	80.00	98	80.00	97	80.00	97	70.00	0	0.	0	0.
64	0	100.00	0	100.00	97	90.00	97	80.00	0	0.	0	0.
68	0	100.00	0	100.00	0	100.00	96	90.00	0	0.	0	0.
72	0	100.00	0	100.00	0	100.00	95	90.00	0	0.	0	0.
75	0	100.00	94	90.00	92	60.00	92	50.00	0	0.	0	0.
79	91	50.00	90	20.00	89	0.	89	0.	0	0.	0	0.
82	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
86	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
90	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
93	90	10.00	90	0.	89	0.	89	0.	0	0.	0	0.
97	91	10.00	91	10.00	91	0.	90	0.	0	0.	0	0.
100	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
104	94	20.00	94	10.00	93	10.00	93	10.00	0	0.	0	0.
108	94	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
111	95	10.00	94	0.	94	0.	94	0.	0	0.	0	0.
115	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
118	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
122	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.

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TABLE 7 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
126	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
129	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
133	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
136	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
140	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
144	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
147	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
151	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
154	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
158	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
162	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
165	95	0.	94	0.	94	0.	94	0.	0	0.	0	0.
169	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.
172	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.
176	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
180	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
183	96	0.	96	0.	95	0.	95	0.	0	0.	0	0.
187	96	0.	96	0.	96	0.	95	0.	0	0.	0	0.
190	96	0.	96	0.	96	0.	96	0.	0	0.	0	0.
194	97	0.	96	0.	96	0.	96	0.	0	0.	0	0.
198	97	0.	97	0.	96	0.	96	0.	0	0.	0	0.
201	97	0.	97	0.	97	0.	96	0.	0	0.	0	0.
205	97	0.	97	0.	97	0.	96	0.	0	0.	0	0.
208	97	0.	97	0.	97	0.	97	0.	0	0.	0	0.
212	98	0.	97	0.	97	0.	97	0.	0	0.	0	0.
216	98	0.	98	0.	97	0.	97	0.	0	0.	0	0.
219	98	0.	98	0.	97	0.	97	0.	0	0.	0	0.
223	98	0.	98	0.	97	0.	97	0.	0	0.	0	0.
226	98	0.	97	0.	97	0.	97	0.	0	0.	0	0.
230	97	0.	97	0.	97	0.	97	0.	0	0.	0	0.
234	97	0.	97	0.	97	0.	96	0.	0	0.	0	0.
237	97	0.	97	0.	96	0.	96	0.	0	0.	0	0.
241	97	0.	96	0.	96	0.	96	0.	0	0.	0	0.
244	96	10.00	96	10.00	96	0.	96	0.	0	0.	0	0.

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
248	96	10.00	96	10.00	96	10.00	95	10.00	0	0.	0	0.
252	96	20.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
255	95	20.00	95	20.00	95	20.00	94	10.00	0	0.	0	0.
259	94	30.00	94	30.00	93	20.00	93	10.00	0	0.	0	0.
262	93	30.00	92	20.00	92	10.00	91	0.	0	0.	0	0.
266	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
270	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
273	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
277	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
280	93	70.00	92	50.00	91	20.00	90	10.00	0	0.	0	0.
284	0	100.00	95	90.00	94	70.00	94	60.00	0	0.	0	0.
288	0	100.00	0	100.00	96	90.00	96	80.00	0	0.	0	0.
291	97	90.00	97	90.00	96	70.00	96	70.00	0	0.	0	0.
295	97	70.00	97	70.00	96	60.00	95	50.00	0	0.	0	0.
298	96	50.00	96	50.00	95	40.00	95	40.00	0	0.	0	0.
302	95	40.00	95	40.00	94	30.00	94	30.00	0	0.	0	0.
306	95	30.00	94	30.00	94	30.00	94	30.00	0	0.	0	0.
309	94	30.00	94	30.00	94	30.00	93	20.00	0	0.	0	0.
313	94	20.00	94	20.00	93	20.00	93	20.00	0	0.	0	0.
316	93	20.00	93	20.00	93	20.00	92	10.00	0	0.	0	0.
320	93	20.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
324	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
327	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
331	92	10.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
334	92	10.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
338	92	10.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
342	92	10.00	92	10.00	92	10.00	91	0.	0	0.	0	0.
345	92	10.00	92	10.00	92	10.00	91	0.	0	0.	0	0.
349	92	10.00	92	10.00	92	10.00	91	0.	0	0.	0	0.
352	92	10.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
356	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
360	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
AVERAGE SHIELDING		19.90		18.40		15.90		13.90		0.		0.
AVERAGE TARGET CONTACT ANGLE		94		94		94		94		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 52

SHIELDING OF TARGET AT POSITION B
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	92	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
6	92	10.00	92	10.00	91	10.00	91	0.	0	0.	0	0.
9	92	10.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
12	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
15	93	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
18	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
21	93	20.00	93	20.00	93	10.00	92	10.00	0	0.	0	0.
24	94	20.00	94	20.00	93	20.00	93	10.00	0	0.	0	0.
27	94	20.00	94	20.00	94	20.00	93	20.00	0	0.	0	0.
30	94	20.00	94	20.00	94	20.00	94	20.00	0	0.	0	0.
33	94	20.00	94	20.00	94	20.00	94	20.00	0	0.	0	0.
36	94	30.00	94	30.00	94	20.00	94	20.00	0	0.	0	0.
39	94	30.00	94	30.00	94	20.00	94	20.00	0	0.	0	0.
42	95	30.00	94	30.00	94	30.00	94	20.00	0	0.	0	0.
45	95	30.00	94	30.00	94	30.00	94	30.00	0	0.	0	0.
48	95	30.00	95	30.00	94	30.00	94	30.00	0	0.	0	0.
51	95	40.00	95	40.00	95	40.00	94	30.00	0	0.	0	0.
54	95	40.00	95	40.00	95	40.00	95	40.00	0	0.	0	0.
57	95	50.00	95	50.00	95	40.00	95	40.00	0	0.	0	0.
60	96	60.00	96	60.00	95	50.00	95	50.00	0	0.	0	0.
63	96	70.00	96	70.00	96	70.00	95	60.00	0	0.	0	0.
66	96	80.00	96	80.00	96	70.00	95	70.00	0	0.	0	0.
69	0	100.00	96	90.00	96	80.00	95	80.00	0	0.	0	0.
72	0	100.00	0	100.00	0	100.00	95	90.00	0	0.	0	0.
75	0	100.00	0	100.00	0	100.00	94	80.00	0	0.	0	0.
78	0	100.00	0	100.00	92	70.00	91	50.00	0	0.	0	0.
81	91	50.00	90	30.00	89	0.	89	0.	0	0.	0	0.
84	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
87	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
90	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
93	90	10.00	90	0.	89	0.	89	0.	0	0.	0	0.
96	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
99	92	20.00	92	10.00	91	10.00	91	10.00	0	0.	0	0.
102	92	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.

TABLE 52 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
105	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
108	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
111	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
114	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
117	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
120	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
123	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
126	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
129	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
132	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
135	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
138	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
141	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
144	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
147	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
150	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
153	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
156	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
159	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
162	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
165	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
168	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
171	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
174	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
177	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
180	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
183	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
186	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
189	95	0.	94	0.	94	0.	94	0.	0	0.	0	0.
192	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.
195	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
198	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
201	96	0.	96	0.	95	0.	95	0.	0	0.	0	0.
204	96	0.	96	0.	96	0.	95	0.	0	0.	0	0.

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
207	96	0.	96	0.	96	0.	96	0.	0	0.	0	0.
210	96	0.	96	0.	96	0.	96	0.	0	0.	0	0.
213	96	0.	96	0.	96	0.	96	0.	0	0.	0	0.
216	96	0.	96	0.	96	0.	96	0.	0	0.	0	0.
219	97	0.	96	0.	96	0.	96	0.	0	0.	0	0.
222	97	0.	96	0.	96	0.	96	0.	0	0.	0	0.
225	96	0.	96	0.	96	0.	96	0.	0	0.	0	0.
228	96	0.	96	0.	96	0.	96	0.	0	0.	0	0.
231	96	0.	96	0.	96	0.	96	0.	0	0.	0	0.
234	96	0.	96	0.	96	0.	96	0.	0	0.	0	0.
237	96	0.	96	0.	96	0.	95	0.	0	0.	0	0.
240	96	0.	96	0.	95	0.	95	0.	0	0.	0	0.
243	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
246	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
249	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
252	95	10.00	95	10.00	94	10.00	94	0.	0	0.	0	0.
255	94	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
258	94	20.00	94	20.00	93	10.00	93	10.00	0	0.	0	0.
261	93	30.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
264	92	20.00	91	10.00	91	0.	91	0.	0	0.	0	0.
267	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
270	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
273	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
276	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
279	93	90.00	92	60.00	91	30.00	91	20.00	0	0.	0	0.
282	0	100.00	0	100.00	94	70.00	93	60.00	0	0.	0	0.
285	95	90.00	95	90.00	95	80.00	94	70.00	0	0.	0	0.
288	95	70.00	95	70.00	95	60.00	94	50.00	0	0.	0	0.
291	92	50.00	94	50.00	94	40.00	94	40.00	0	0.	0	0.
294	94	40.00	94	40.00	93	30.00	93	30.00	0	0.	0	0.
297	94	30.00	94	30.00	93	30.00	93	20.00	0	0.	0	0.
300	94	30.00	93	30.00	93	20.00	93	20.00	0	0.	0	0.
303	93	20.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
306	93	20.00	93	20.00	93	20.00	92	20.00	0	0.	0	0.

52

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
309	93	20.00	93	20.00	93	20.00	92	10.00	0	0.	0	0.
312	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
315	92	10.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
318	92	10.00	92	10.00	91	10.00	91	0.	0	0.	0	0.
321	91	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
324	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
327	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
330	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
333	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
336	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
339	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
342	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
345	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
348	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
351	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
354	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
357	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
360	91	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
AVERAGE SHIELDING		15.50		14.50		12.00		10.42		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		93		93		92		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 52

SHIELDING OF TARGET AT POSITION B
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
5	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
7	92	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
10	92	10.00	92	10.00	91	10.00	91	0.	0	0.	0	0.
12	92	10.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
15	92	10.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
18	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
20	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
23	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
25	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
28	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
30	93	20.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
33	93	20.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
36	93	20.00	93	20.00	93	20.00	92	10.00	0	0.	0	0.
38	93	20.00	93	20.00	93	20.00	92	10.00	0	0.	0	0.
41	93	20.00	93	20.00	93	20.00	92	20.00	0	0.	0	0.
43	93	20.00	93	20.00	93	20.00	92	20.00	0	0.	0	0.
46	93	20.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
48	93	30.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
51	93	30.00	93	30.00	93	20.00	93	20.00	0	0.	0	0.
54	94	30.00	93	30.00	93	30.00	93	20.00	0	0.	0	0.
56	94	40.00	94	30.00	93	30.00	93	30.00	0	0.	0	0.
59	94	40.00	94	40.00	94	40.00	94	40.00	0	0.	0	0.
61	94	50.00	94	50.00	94	50.00	94	40.00	0	0.	0	0.
64	95	60.00	95	60.00	94	50.00	94	50.00	0	0.	0	0.
66	95	70.00	95	70.00	94	60.00	94	60.00	0	0.	0	0.
69	95	80.00	95	70.00	95	70.00	94	60.00	0	0.	0	0.
72	95	90.00	95	90.00	94	80.00	94	70.00	0	0.	0	0.
74	0	100.00	0	100.00	94	90.00	94	80.00	0	0.	0	0.
77	0	100.00	0	100.00	93	90.00	93	80.00	0	0.	0	0.
79	0	100.00	0	100.00	91	60.00	91	50.00	0	0.	0	0.
82	91	60.00	90	30.00	89	0.	89	0.	0	0.	0	0.
84	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
87	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.

TABLE 52 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST* 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
90	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
92	90	10.00	89	0.	89	0.	89	0.	0	0.	0	0.
95	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
97	91	10.00	91	10.00	91	10.00	91	0.	0	0.	0	0.
100	92	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
102	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
105	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
108	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
110	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
113	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
115	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
118	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
120	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
123	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
126	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
128	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
131	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
133	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
136	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
138	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
141	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
144	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
146	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
149	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
151	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
154	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
156	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
159	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
162	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
164	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
167	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
169	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
172	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
174	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.

TABLE 52 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
177	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
180	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
182	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
185	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
187	94	0.	93	0.	93	0.	93	0.	0	0.	0	0.
190	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
192	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
195	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
198	95	0.	95	0.	94	0	94	0.	0	0.	0	0.
200	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
203	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
205	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
208	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
210	96	0.	95	0.	95	0.	95	0.	0	0.	0	0.
213	96	0.	96	0.	95	0.	95	0.	0	0.	0	0.
216	96	0.	96	0.	95	0.	95	0.	0	0.	0	0.
218	96	0.	96	0.	96	0.	95	0.	0	0.	0	0.
221	96	0.	96	0.	96	0.	95	0.	0	0.	0	0.
223	96	0.	96	0.	96	0.	95	0.	0	0.	0	0.
226	96	0.	96	0.	96	0.	95	0.	0	0.	0	0.
228	96	0.	96	0.	95	0.	95	0.	0	0.	0	0.
231	96	0.	95	0.	95	0.	95	0.	0	0.	0	0.
234	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
236	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
239	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
241	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
244	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.
246	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
249	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
252	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
254	94	10.00	94	0.	93	0.	93	0.	0	0.	0	0.
257	93	10.00	93	10.00	93	10.00	93	0.	0	0.	0	0.
259	93	20.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
262	93	20.00	92	20.00	92	10.00	92	10.00	0	0.	0	0.

TABLE 52 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
264	91	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
267	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
270	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
272	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
275	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
277	0	100.00	92	70.00	92	40.00	91	30.00	0	0.	0	0.
280	0	100.00	94	90.00	93	70.00	93	60.00	0	0.	0	0.
282	94	70.00	94	70.00	93	60.00	93	50.00	0	0.	0	0.
285	94	60.00	94	60.00	93	50.00	93	40.00	0	0.	0	0.
288	93	40.00	93	40.00	93	30.00	93	30.00	0	0.	0	0.
290	93	30.00	93	30.00	93	30.00	92	20.00	0	0.	0	0.
293	93	30.00	93	20.00	92	20.00	92	20.00	0	0.	0	0.
295	93	20.00	93	20.00	92	20.00	92	20.00	0	0.	0	0.
298	93	20.00	92	20.00	92	20.00	92	10.00	0	0.	0	0.
300	93	20.00	92	20.00	92	20.00	92	10.00	0	0.	0	0.
303	92	20.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
306	92	10.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
308	92	10.00	91	10.00	91	10.00	91	10.00	0	0.	0	0.
311	91	10.00	91	10.00	91	10.00	91	0.	0	0.	0	0.
313	91	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
316	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
318	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
321	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
324	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
326	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
329	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
331	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
334	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
336	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
339	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
342	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
344	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
347	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
349	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.

TABLE 52 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
352	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
354	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
357	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
360	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
AVERAGE SHIELDING		12.71		11.29		9.50		8.07		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		92		92		92		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

52

TABLE X

SHIELDING OF TARGET AT POSITION B
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
4	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
6	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
9	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
11	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
13	91	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
15	91	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
18	91	10.00	91	10.00	91	10.00	91	0.	0	0.	0	0.
20	92	10.00	92	10.00	91	10.00	91	10.00	0	0.	0	0.
22	92	10.00	92	10.00	91	10.00	91	10.00	0	0.	0	0.
24	92	10.00	92	10.00	91	10.00	91	10.00	0	0.	0	0.
27	92	10.00	92	10.00	91	10.00	91	10.00	0	0.	0	0.
29	92	10.00	92	10.00	91	10.00	91	10.00	0	0.	0	0.
31	92	10.00	91	10.00	91	10.00	91	10.00	0	0.	0	0.
33	92	10.00	91	10.00	91	10.00	91	10.00	0	0.	0	0.
36	92	10.00	91	10.00	91	10.00	91	10.00	0	0.	0	0.
38	92	10.00	91	10.00	91	10.00	91	10.00	0	0.	0	0.
40	92	10.00	92	10.00	91	10.00	91	10.00	0	0.	0	0.
42	92	10.00	92	10.00	91	10.00	91	10.00	0	0.	0	0.
45	92	10.00	92	10.00	91	10.00	91	10.00	0	0.	0	0.
47	92	10.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
49	92	20.00	92	20.00	92	10.00	91	10.00	0	0.	0	0.
51	92	20.00	92	20.00	92	10.00	91	10.00	0	0.	0	0.
54	92	20.00	92	20.00	92	20.00	91	10.00	0	0.	0	0.
56	92	20.00	92	20.00	92	20.00	92	20.00	0	0.	0	0.
58	93	30.00	92	20.00	92	20.00	92	20.00	0	0.	0	0.
60	93	30.00	93	30.00	93	30.00	92	30.00	0	0.	0	0.
63	93	40.00	93	40.00	93	40.00	93	30.00	0	0.	0	0.
65	94	50.00	94	50.00	93	40.00	93	40.00	0	0.	0	0.
67	94	60.00	94	60.00	94	50.00	93	50.00	0	0.	0	0.
69	94	70.00	94	60.00	94	60.00	94	60.00	0	0.	0	0.
72	94	70.00	94	70.00	94	70.00	93	60.00	0	0.	0	0.
74	94	90.00	94	80.00	94	80.00	93	70.00	0	0.	0	0.
76	0	100.00	0	100.00	93	90.00	93	80.00	0	0.	0	0.

TABLE 52 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
78	0	100.00	0	100.00	0	100.00	92	80.00	0	0.	0	0.
81	0	100.00	0	100.00	91	70.00	91	60.00	0	0.	0	0.
83	91	70.00	90	40.00	89	10.00	89	0.	0	0.	0	0.
85	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
87	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
90	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
92	89	10.00	89	0.	89	0.	89	0.	0	0.	0	0.
94	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
96	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
99	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
101	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
103	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
105	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
108	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
110	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
112	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
114	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
117	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
119	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
121	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
123	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
126	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
128	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
130	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
132	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
135	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
137	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
139	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
141	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
144	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
146	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
148	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
150	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
153	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.

TABLE 52 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
155	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
157	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
159	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
162	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
164	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
166	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
168	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
171	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
173	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
175	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
177	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
180	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
182	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
184	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
186	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
189	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
191	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
193	94	0.	93	0.	93	0.	93	0.	0	0.	0	0.
195	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
198	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
200	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
202	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.
204	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.
207	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
209	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
211	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
213	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
216	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
218	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
220	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
222	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
225	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
227	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
229	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.

TABLE 52 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
231	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
234	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.
236	95	0.	94	0.	94	0.	94	0.	0	0.	0	0.
238	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
240	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
243	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
245	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
247	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
249	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
252	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
254	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
256	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
258	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
261	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
263	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
265	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
267	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
270	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
272	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
274	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
276	91	40.00	91	30.00	90	10.00	90	0.	0	0.	0	0.
279	92	40.00	91	30.00	91	20.00	91	20.00	0	0.	0	0.
281	92	30.00	92	30.00	91	20.00	91	20.00	0	0.	0	0.
283	92	30.00	92	30.00	91	20.00	91	10.00	0	0.	0	0.
285	92	20.00	92	20.00	92	20.00	91	10.00	0	0.	0	0.
288	92	20.00	92	20.00	91	10.00	91	10.00	0	0.	0	0.
290	92	20.00	92	20.00	91	10.00	91	10.00	0	0.	0	0.
292	92	20.00	92	20.00	91	10.00	91	10.00	0	0.	0	0.
294	92	20.00	92	10.00	91	10.00	91	10.00	0	0.	0	0.
297	92	10.00	92	10.00	91	10.00	91	10.00	0	0.	0	0.
299	92	10.00	92	10.00	91	10.00	91	10.00	0	0.	0	0.
301	91	10.00	91	10.00	91	10.00	91	10.00	0	0.	0	0.
303	91	10.00	91	10.00	91	10.00	91	0.	0	0.	0	0.
306	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.

TABLE 52 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
308	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
310	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
312	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
315	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
317	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
319	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
321	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
324	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
326	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
328	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
330	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
333	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
335	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
337	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
339	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
342	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
344	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
346	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
348	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
351	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
353	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
355	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
357	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
360	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
AVERAGE SHIELDING		8.50		7.75		6.44		5.56		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		91		91		91		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 3

SHIELDING OF TARGET AT POSITION C
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
18	106	60.00	104	50.00	99	30.00	96	20.00	0	0.	0	0.
36	99	40.00	95	20.00	92	0.	90	0.	0	0.	0	0.
54	90	0.	89	0.	88	0.	87	0.	0	0.	0	0.
72	90	0.	89	0.	87	0.	86	0.	0	0.	0	0.
90	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
108	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
126	99	30.00	94	10.00	93	0.	92	0.	0	0.	0	0.
144	105	40.00	103	30.00	100	20.00	97	10.00	0	0.	0	0.
162	109	40.00	107	30.00	106	30.00	103	20.00	0	0.	0	0.
180	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
198	109	40.00	107	30.00	106	30.00	103	20.00	0	0.	0	0.
216	106	40.00	103	30.00	100	20.00	97	10.00	0	0.	0	0.
234	98	20.00	95	10.00	94	0.	92	0.	0	0.	0	0.
252	92	0.	91	0.	90	0.	88	0.	0	0.	0	0.
270	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
288	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
306	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
324	100	40.00	95	20.00	92	10.00	91	0.	0	0.	0	0.
342	106	60.00	104	50.00	99	30.00	96	20.00	0	0.	0	0.
360	110	80.00	106	60.00	102	40.00	99	30.00	0	0.	0	0.
AVERAGE SHIELDING		24.50		17.00		10.50		6.50		0.		0.
AVERAGE TARGET CONTACT ANGLE		98		96		94		92		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE NO 5

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TABLE 8

SHIELDING OF TARGET AT POSITION C

RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
9	108	70.00	107	60.00	106	60.00	105	50.00	0	0.	0	0.
18	108	70.00	107	60.00	106	60.00	105	50.00	0	0.	0	0.
27	107	70.00	107	70.00	106	60.00	105	60.00	0	0.	0	0.
36	108	90.00	107	80.00	105	70.00	105	70.00	0	0.	0	0.
45	0	100.00	106	90.00	104	80.00	102	60.00	0	0.	0	0.
54	0	100.00	102	80.00	100	60.00	98	50.00	0	0.	0	0.
63	99	80.00	96	50.00	94	30.00	91	10.00	0	0.	0	0.
72	90	10.00	90	0.	89	0.	88	0.	0	0.	0	0.
81	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
99	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
108	94	30.00	92	10.00	91	0.	91	0.	0	0.	0	0.
117	100	60.00	98	40.00	96	20.00	95	20.00	0	0.	0	0.
126	103	50.00	101	40.00	101	40.00	99	30.00	0	0.	0	0.
135	104	40.00	104	40.00	103	40.00	102	30.00	0	0.	0	0.
144	106	40.00	106	40.00	105	40.00	104	30.00	0	0.	0	0.
153	107	40.00	106	30.00	105	30.00	105	30.00	0	0.	0	0.
162	107	30.00	107	30.00	106	30.00	105	30.00	0	0.	0	0.
171	108	40.00	108	40.00	107	30.00	106	30.00	0	0.	0	0.
180	108	30.00	108	30.00	107	30.00	106	30.00	0	0.	0	0.
189	109	40.00	108	40.00	107	30.00	106	30.00	0	0.	0	0.
198	108	30.00	107	30.00	107	30.00	106	30.00	0	0.	0	0.
207	106	40.00	108	40.00	106	30.00	105	30.00	0	0.	0	0.
216	108	50.00	107	40.00	106	40.00	105	30.00	0	0.	0	0.
225	105	40.00	104	40.00	104	40.00	102	30.00	0	0.	0	0.
234	103	50.00	102	40.00	101	30.00	100	30.00	0	0.	0	0.
243	99	40.00	98	30.00	96	20.00	95	10.00	0	0.	0	0.
252	95	30.00	93	10.00	92	0.	91	0.	0	0.	0	0.
261	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
279	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
288	91	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
297	99	70.00	97	50.00	94	30.00	92	10.00	0	0.	0	0.
306	104	90.00	102	70.00	100	60.00	99	50.00	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
315	105	80.00	104	70.00	102	60.00	101	50.00	0	0.	0	0.
324	107	80.00	106	70.00	104	60.00	104	60.00	0	0.	0	0.
333	107	70.00	106	60.00	105	60.00	104	50.00	0	0.	0	0.
342	107	60.00	106	60.00	105	50.00	104	50.00	0	0.	0	0.
351	107	60.00	107	60.00	105	50.00	104	50.00	0	0.	0	0.
360	107	60.00	107	60.00	105	50.00	104	50.00	0	0.	0	0.
AVERAGE SHIELDING		66.25		39.00		33.00		28.50		0.		0.
AVERAGE TARGET CONTACT ANGLE		102		101		100		99		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 53
SHIELDING OF TARGET AT POSITION C
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
6	99	30.00	99	30.00	98	30.00	97	20.00	0	0.	0	0.
12	99	30.00	99	30.00	98	30.00	98	30.00	0	0.	0	0.
18	100	30.00	99	30.00	99	30.00	98	30.00	0	0.	0	0.
24	100	30.00	100	30.00	99	30.00	99	30.00	0	0.	0	0.
30	101	40.00	101	40.00	100	40.00	99	30.00	0	0.	0	0.
36	102	50.00	102	50.00	101	50.00	100	40.00	0	0.	0	0.
42	103	60.00	102	60.00	102	60.00	101	50.00	0	0.	0	0.
48	103	70.00	103	70.00	102	60.00	101	60.00	0	0.	0	0.
54	102	80.00	102	80.00	101	70.00	100	60.00	0	0.	0	0.
60	101	90.00	101	90.00	100	80.00	99	70.00	0	0.	0	0.
66	0	100.00	98	80.00	97	70.00	96	50.00	0	0.	0	0.
72	95	70.00	94	50.00	92	30.00	91	20.00	0	0.	0	0.
78	90	0.	89	0.	89	0.	88	0.	0	0.	0	0.
84	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
90	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
96	90	0.	89	0.	89	0.	88	0.	0	0.	0	0.
102	92	30.00	91	10.00	90	0.	90	0.	0	0.	0	0.
108	96	50.00	95	40.00	94	20.00	93	20.00	0	0.	0	0.
114	98	50.00	97	40.00	96	30.00	96	30.00	0	0.	0	0.
120	99	40.00	99	40.00	98	30.00	98	30.00	0	0.	0	0.
126	100	30.00	100	30.00	99	30.00	99	30.00	0	0.	0	0.
132	100	30.00	100	20.00	99	20.00	99	20.00	0	0.	0	0.
138	101	30.00	100	20.00	100	20.00	99	20.00	0	0.	0	0.
144	100	20.00	100	20.00	99	10.00	99	10.00	0	0.	0	0.
150	100	10.00	100	10.00	99	10.00	99	10.00	0	0.	0	0.
156	100	10.00	100	10.00	99	10.00	99	10.00	0	0.	0	0.
162	100	10.00	100	10.00	99	10.00	99	10.00	0	0.	0	0.
168	101	20.00	100	10.00	100	10.00	99	10.00	0	0.	0	0.
174	101	20.00	101	10.00	100	10.00	100	10.00	0	0.	0	0.
180	102	20.00	101	10.00	100	10.00	100	10.00	0	0.	0	0.
186	102	20.00	102	20.00	101	10.00	100	10.00	0	0.	0	0.
192	102	20.00	102	20.00	101	20.00	100	10.00	0	0.	0	0.
198	102	20.00	102	20.00	101	20.00	100	10.00	0	0.	0	0.
204	102	20.00	102	20.00	101	20.00	100	10.00	0	0.	0	0.

TABLE 2 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
210	102	20.00	102	20.00	101	20.00	100	10.00	0	0.	0	0.
216	102	20.00	102	20.00	101	20.00	101	20.00	0	0.	0	0.
222	102	30.00	102	30.00	102	30.00	101	20.00	0	0.	0	0.
228	102	30.00	102	30.00	101	30.00	100	20.00	0	0.	0	0.
234	102	40.00	102	40.00	101	30.00	100	30.00	0	0.	0	0.
240	101	50.00	101	50.00	100	40.00	99	30.00	0	0.	0	0.
246	101	80.00	99	50.00	98	40.00	97	30.00	0	0.	0	0.
252	97	50.00	96	40.00	94	20.00	93	10.00	0	0.	0	0.
258	93	20.00	92	10.00	91	0.	91	0.	0	0.	0	0.
264	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
276	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
282	91	20.00	91	0.	90	0.	90	0.	0	0.	0	0.
288	96	70.00	95	60.00	94	40.00	92	20.00	0	0.	0	0.
294	0	100.00	99	90.00	96	70.00	96	50.00	0	0.	0	0.
300	101	90.00	101	80.00	100	70.00	99	60.00	0	0.	0	0.
306	102	70.00	102	70.00	100	60.00	100	60.00	0	0.	0	0.
312	102	60.00	102	60.00	101	50.00	100	50.00	0	0.	0	0.
318	101	50.00	101	50.00	100	40.00	99	40.00	0	0.	0	0.
324	100	40.00	100	40.00	99	40.00	98	30.00	0	0.	0	0.
330	99	30.00	99	30.00	99	30.00	98	30.00	0	0.	0	0.
336	99	30.00	99	30.00	98	30.00	97	20.00	0	0.	0	0.
342	99	30.00	99	30.00	98	30.00	97	20.00	0	0.	0	0.
348	99	30.00	98	30.00	97	20.00	97	20.00	0	0.	0	0.
354	99	30.00	98	30.00	97	20.00	97	20.00	0	0.	0	0.
360	98	30.00	98	30.00	99	20.00	97	20.00	0	0.	0	0.
AVERAGE SHIELDING		35.83		32.00		27.00		22.67		0.		0.
AVERAGE TARGET CONTACT ANGLE		99		98		98		97		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 53

SHIELDING OF TARGET AT POSITION C
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
4	95	10.00	95	10.00	94	10.00	94	10.00	0	0.	0	0.
9	96	20.00	95	20.00	95	10.00	94	10.00	0	0.	0	0.
13	96	20.00	96	20.00	95	20.00	95	10.00	0	0.	0	0.
18	96	20.00	96	20.00	96	20.00	95	20.00	0	0.	0	0.
22	97	20.00	97	20.00	96	20.00	96	20.00	0	0.	0	0.
27	97	20.00	97	20.00	97	20.00	96	20.00	0	0.	0	0.
31	98	30.00	98	30.00	97	20.00	97	20.00	0	0.	0	0.
36	98	30.00	98	30.00	97	30.00	97	30.00	0	0.	0	0.
40	98	30.00	98	30.00	97	30.00	97	30.00	0	0.	0	0.
45	98	40.00	98	40.00	98	40.00	97	30.00	0	0.	0	0.
49	99	50.00	99	50.00	98	40.00	98	40.00	0	0.	0	0.
54	99	50.00	99	50.00	98	50.00	98	50.00	0	0.	0	0.
58	99	70.00	99	60.00	98	60.00	98	60.00	0	0.	0	0.
63	99	80.00	99	80.00	98	70.00	97	60.00	0	0.	0	0.
67	98	90.00	98	90.00	97	80.00	97	70.00	0	0.	0	0.
72	96	80.00	95	70.00	95	60.00	94	50.00	0	0.	0	0.
76	94	80.00	92	50.00	91	30.00	90	20.00	0	0.	0	0.
81	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
85	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
90	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
94	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
99	91	30.00	90	10.00	90	0.	90	0.	0	0.	0	0.
103	95	60.00	94	40.00	92	20.00	92	20.00	0	0.	0	0.
108	95	40.00	95	40.00	94	30.00	94	20.00	0	0.	0	0.
112	96	30.00	96	30.00	96	30.00	95	20.00	0	0.	0	0.
117	96	20.00	96	20.00	96	20.00	95	20.00	0	0.	0	0.
121	96	20.00	96	20.00	95	10.00	95	10.00	0	0.	0	0.
126	96	10.00	96	10.00	96	10.00	95	10.00	0	0.	0	0.
130	96	10.00	96	10.00	96	10.00	95	10.00	0	0.	0	0.
135	96	10.00	96	10.00	96	10.00	95	10.00	0	0.	0	0.
139	96	10.00	96	10.00	96	10.00	95	0.	0	0.	0	0.
144	96	0.	96	0.	95	0.	95	0.	0	0.	0	0.
148	96	0.	96	0.	95	0.	95	0.	0	0.	0	0.
153	96	0.	96	0.	96	0.	95	0.	0	0.	0	0.

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
157	96	0.	96	0.	96	0.	95	0.	0	0.	0	0.
162	96	0.	96	0.	96	0.	96	0.	0	0.	0	0.
166	97	0.	96	0.	96	0.	96	0.	0	0.	0	0.
171	97	0.	97	0.	96	0.	96	0.	0	0.	0	0.
175	97	0.	97	0.	97	0.	96	0.	0	0.	0	0.
180	98	10.00	97	0.	97	0.	97	0.	0	0.	0	0.
184	98	10.00	98	10.00	97	0.	97	0.	0	0.	0	0.
189	98	10.00	98	10.00	97	10.00	97	0.	0	0.	0	0.
193	98	10.00	98	10.00	98	10.00	97	10.00	0	0.	0	0.
198	98	10.00	98	10.00	98	10.00	97	10.00	0	0.	0	0.
202	99	10.00	98	10.00	98	10.00	98	10.00	0	0.	0	0.
207	99	10.00	99	10.00	98	10.00	98	10.00	0	0.	0	0.
211	99	10.00	99	10.00	98	10.00	98	10.00	0	0.	0	0.
216	99	10.00	99	10.00	98	10.00	98	10.00	0	0.	0	0.
220	99	20.00	99	20.00	99	20.00	98	10.00	0	0.	0	0.
225	99	20.00	99	20.00	99	20.00	98	20.00	0	0.	0	0.
229	99	20.00	99	20.00	99	20.00	98	20.00	0	0.	0	0.
234	99	30.00	99	20.00	98	20.00	98	20.00	0	0.	0	0.
238	99	30.00	99	30.00	99	30.00	98	20.00	0	0.	0	0.
243	99	40.00	99	40.00	99	40.00	98	30.00	0	0.	0	0.
247	100	70.00	99	60.00	98	50.00	98	40.00	0	0.	0	0.
252	97	50.00	97	50.00	96	40.00	95	30.00	0	0.	0	0.
256	95	60.00	94	40.00	93	20.00	93	20.00	0	0.	0	0.
261	92	20.00	91	0.	91	0.	90	0.	0	0.	0	0.
265	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
274	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
279	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
283	94	90.00	94	60.00	93	40.00	92	20.00	0	0.	0	0.
288	0	100.00	97	80.00	96	70.00	95	60.00	0	0.	0	0.
292	0	100.00	99	90.00	98	80.00	97	70.00	0	0.	0	0.
297	100	80.00	99	70.00	99	70.00	98	60.00	0	0.	0	0.
301	99	60.00	99	60.00	98	50.00	98	50.00	0	0.	0	0.
306	98	40.00	97	40.00	97	40.00	96	30.00	0	0.	0	0.

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TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
310	97	30.00	97	30.00	96	30.00	96	30.00	0	0.	0	0.
315	97	30.00	96	30.00	96	20.00	95	20.00	0	0.	0	0.
319	96	20.00	96	20.00	96	20.00	95	20.00	0	0.	0	0.
324	96	20.00	96	20.00	96	20.00	95	20.00	0	0.	0	0.
328	96	20.00	96	20.00	96	20.00	95	20.00	0	0.	0	0.
333	96	20.00	96	20.00	95	20.00	95	10.00	0	0.	0	0.
337	96	20.00	95	20.00	95	10.00	94	10.00	0	0.	0	0.
342	95	10.00	95	10.00	94	10.00	94	10.00	0	0.	0	0.
346	95	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
351	95	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
355	94	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
360	94	10.00	94	10.00	94	10.00	93	10.00	0	0.	0	0.
AVERAGE SHIELDING		26.50		23.50		20.37		17.62		0.		0.
AVERAGE TARGET CONTACT ANGLE		96		96		95		95		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 2
SHIELDING OF TARGET AT POSITION C
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
7	94	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
10	94	10.00	94	10.00	93	10.00	93	10.00	0	0.	0	0.
14	94	10.00	94	10.00	94	10.00	93	10.00	0	0.	0	0.
18	95	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
21	95	20.00	95	10.00	94	10.00	94	10.00	0	0.	0	0.
25	95	20.00	95	20.00	95	20.00	94	10.00	0	0.	0	0.
28	95	20.00	95	20.00	95	20.00	94	10.00	0	0.	0	0.
32	95	20.00	95	20.00	95	20.00	94	10.00	0	0.	0	0.
36	95	20.00	95	20.00	95	20.00	95	20.00	0	0.	0	0.
39	96	20.00	95	20.00	95	20.00	95	20.00	0	0.	0	0.
43	96	30.00	96	30.00	95	20.00	95	20.00	0	0.	0	0.
46	96	30.00	96	30.00	96	30.00	95	20.00	0	0.	0	0.
50	96	30.00	96	30.00	96	30.00	95	30.00	0	0.	0	0.
54	96	40.00	96	40.00	96	30.00	95	30.00	0	0.	0	0.
57	97	50.00	97	50.00	96	40.00	96	40.00	0	0.	0	0.
61	97	50.00	97	50.00	96	50.00	96	40.00	0	0.	0	0.
64	97	60.00	97	60.00	96	50.00	96	50.00	0	0.	0	0.
68	97	70.00	97	70.00	96	60.00	96	60.00	0	0.	0	0.
72	96	90.00	96	80.00	95	70.00	95	60.00	0	0.	0	0.
75	95	90.00	94	80.00	93	60.00	93	50.00	0	0.	0	0.
79	93	80.00	92	60.00	91	40.00	90	20.00	0	0.	0	0.
82	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
86	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
90	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
93	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
97	91	30.00	90	20.00	90	0.	89	0.	0	0.	0	0.
100	93	40.00	92	30.00	92	20.00	91	10.00	0	0.	0	0.
104	94	40.00	93	30.00	93	30.00	92	20.00	0	0.	0	0.
108	94	20.00	94	20.00	93	20.00	93	20.00	0	0.	0	0.
111	94	20.00	94	20.00	93	10.00	93	10.00	0	0.	0	0.
115	94	10.00	94	10.00	93	10.00	93	10.00	0	0.	0	0.
118	94	10.00	94	10.00	93	10.00	93	10.00	0	0.	0	0.
122	94	10.00	94	10.00	93	0.	93	0.	0	0.	0	0.

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TABLE ~~2~~ (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
126	94	10.00	94	0.	93	0.	93	0.	0	0.	0	0.
129	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
133	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
136	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
140	94	0.	93	0.	93	0.	93	0.	0	0.	0	0.
144	94	0.	93	0.	93	0.	93	0.	0	0.	0	0.
147	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
151	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
154	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
158	94	0.	93	0.	93	0.	93	0.	0	0.	0	0.
162	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
165	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
169	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
172	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
176	95	0.	94	0.	94	0.	94	0.	0	0.	0	0.
180	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.
183	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
187	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
190	96	0.	96	0.	95	0.	95	0.	0	0.	0	0.
194	96	0.	96	0.	96	0.	95	0.	0	0.	0	0.
198	96	0.	96	0.	96	0.	96	0.	0	0.	0	0.
201	97	0.	96	0.	96	0.	96	0.	0	0.	0	0.
205	97	0.	97	0.	96	0.	96	0.	0	0.	0	0.
208	97	0.	97	0.	97	0.	96	0.	0	0.	0	0.
212	97	10.00	97	0.	97	0.	96	0.	0	0.	0	0.
216	97	10.00	97	10.00	97	10.00	97	0.	0	0.	0	0.
219	98	10.00	97	10.00	97	10.00	97	10.00	0	0.	0	0.
223	98	10.00	97	10.00	97	10.00	97	10.00	0	0.	0	0.
226	98	10.00	97	10.00	97	10.00	97	10.00	0	0.	0	0.
230	98	20.00	98	20.00	97	10.00	97	10.00	0	0.	0	0.
234	98	20.00	97	20.00	97	10.00	97	10.00	0	0.	0	0.
237	97	20.00	97	20.00	97	20.00	96	10.00	0	0.	0	0.
241	97	20.00	97	20.00	97	20.00	96	20.00	0	0.	0	0.
244	97	30.00	97	30.00	97	30.00	96	20.00	0	0.	0	0.

TABLE 7 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
248	97	40.00	97	40.00	97	40.00	96	30.00	0	0.	0	0.
252	97	50.00	97	50.00	96	40.00	96	40.00	0	0.	0	0.
255	96	60.00	95	50.00	95	40.00	95	40.00	0	0.	0	0.
259	95	70.00	94	50.00	93	30.00	92	20.00	0	0.	0	0.
262	91	20.00	91	10.00	91	0.	90	0.	0	0.	0	0.
266	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
270	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
273	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
277	91	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
280	95	90.00	94	60.00	93	40.00	92	30.00	0	0.	0	0.
284	0	100.00	96	90.00	95	70.00	95	60.00	0	0.	0	0.
288	97	90.00	97	80.00	96	70.00	96	60.00	0	0.	0	0.
291	97	70.00	97	60.00	96	60.00	96	50.00	0	0.	0	0.
295	97	50.00	96	50.00	96	50.00	95	40.00	0	0.	0	0.
298	96	40.00	96	40.00	95	30.00	95	30.00	0	0.	0	0.
302	95	30.00	95	30.00	95	30.00	94	20.00	0	0.	0	0.
306	94	20.00	94	20.00	94	20.00	94	20.00	0	0.	0	0.
309	94	20.00	94	20.00	93	10.00	93	10.00	0	0.	0	0.
313	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
316	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
320	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
324	93	10.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
327	93	10.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
331	93	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
334	93	10.00	92	0.	92	0.	92	0.	0	0.	0	0.
338	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
342	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
345	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
349	92	10.00	92	0.	92	0.	92	0.	0	0.	0	0.
352	93	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
356	93	10.00	93	10.00	92	0.	92	0.	0	0.	0	0.
360	93	10.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
AVERAGE SHIELDING		20.20		17.80		14.60		12.10		0.		0.
AVERAGE TARGET CONTACT ANGLE		94		94		94		93		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 7

SHIELDING OF TARGET AT POSITION C

RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	92	10.00	92	0.	92	0.	92	0.	0	0.	0	0.
6	93	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
9	93	10.00	93	10.00	92	10.00	92	0.	0	0.	0	0.
12	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
15	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
18	94	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
21	94	10.00	94	10.00	93	10.00	93	10.00	0	0.	0	0.
24	94	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
27	94	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
30	94	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
33	94	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
36	94	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
39	94	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
42	94	20.00	94	20.00	94	20.00	93	10.00	0	0.	0	0.
45	94	20.00	94	20.00	94	20.00	93	10.00	0	0.	0	0.
48	94	20.00	94	20.00	94	20.00	93	20.00	0	0.	0	0.
51	94	20.00	94	20.00	94	20.00	94	20.00	0	0.	0	0.
54	95	30.00	95	30.00	94	20.00	94	20.00	0	0.	0	0.
57	95	30.00	95	30.00	94	30.00	94	30.00	0	0.	0	0.
60	95	40.00	95	30.00	95	30.00	94	30.00	0	0.	0	0.
63	95	40.00	95	40.00	95	40.00	95	40.00	0	0.	0	0.
66	95	50.00	95	50.00	95	40.00	95	40.00	0	0.	0	0.
69	95	60.00	95	50.00	95	50.00	95	50.00	0	0.	0	0.
72	95	70.00	95	60.00	95	60.00	94	50.00	0	0.	0	0.
75	0	100.00	95	80.00	94	70.00	94	70.00	0	0.	0	0.
78	94	80.00	93	80.00	93	60.00	92	50.00	0	0.	0	0.
81	92	70.00	91	50.00	91	30.00	90	20.00	0	0.	0	0.
84	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
87	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
90	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
93	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
96	91	30.00	90	20.00	90	0.	89	0.	0	0.	0	0.
99	92	30.00	91	30.00	91	20.00	90	10.00	0	0.	0	0.
102	92	30.00	92	30.00	92	20.00	92	20.00	0	0.	0	0.

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TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
105	92	20.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
108	92	10.00	92	10.00	92	10.00	91	0.	0	0.	0	0.
111	92	10.00	92	10.00	92	0.	91	0.	0	0.	0	0.
114	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
117	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
120	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
123	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
126	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
129	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
132	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
135	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
138	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
141	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
144	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
147	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
150	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
153	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
156	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
159	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
162	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
165	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
168	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
171	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
174	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
177	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
180	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
183	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
186	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
189	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
192	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
195	95	0.	94	0.	94	0.	94	0.	0	0.	0	0.
198	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
201	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
204	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.

TABLE 7 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
207	96	0.	96	0.	95	0.	95	0.	0	0.	0	0.
210	96	0.	96	0.	95	0.	95	0.	0	0.	0	0.
213	96	0.	96	0.	96	0.	95	0.	0	0.	0	0.
216	96	0.	96	0.	96	0.	96	0.	0	0.	0	0.
219	96	10.00	96	0.	96	0.	96	0.	0	0.	0	0.
222	96	10.00	96	10.00	96	10.00	96	10.00	0	0.	0	0.
225	96	10.00	96	10.00	96	10.00	96	10.00	0	0.	0	0.
228	96	10.00	96	10.00	96	10.00	96	10.00	0	0.	0	0.
231	96	10.00	96	10.00	96	10.00	96	10.00	0	0.	0	0.
234	96	10.00	96	10.00	96	10.00	96	10.00	0	0.	0	0.
237	96	10.00	96	10.00	96	10.00	95	10.00	0	0.	0	0.
240	96	20.00	96	20.00	96	20.00	95	10.00	0	0.	0	0.
243	96	20.00	96	20.00	95	10.00	95	10.00	0	0.	0	0.
246	96	20.00	96	20.00	95	20.00	95	10.00	0	0.	0	0.
249	96	30.00	95	20.00	95	20.00	95	20.00	0	0.	0	0.
252	95	30.00	95	30.00	95	30.00	95	20.00	0	0.	0	0.
255	95	40.00	95	40.00	95	40.00	94	30.00	0	0.	0	0.
258	95	60.00	94	50.00	94	40.00	93	30.00	0	0.	0	0.
261	94	60.00	93	40.00	92	30.00	92	20.00	0	0.	0	0.
264	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
267	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
270	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
273	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
276	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
279	94	80.00	93	70.00	93	50.00	92	30.00	0	0.	0	0.
282	0	100.00	95	90.00	94	70.00	94	60.00	0	0.	0	0.
285	96	80.00	95	70.00	95	60.00	95	60.00	0	0.	0	0.
288	95	60.00	95	50.00	95	50.00	94	40.00	0	0.	0	0.
291	95	40.00	94	40.00	94	30.00	94	30.00	0	0.	0	0.
294	94	30.00	94	30.00	94	30.00	93	20.00	0	0.	0	0.
297	94	20.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
300	93	20.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
303	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
306	93	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.

TABLE 7 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
309	92	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
312	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
315	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
318	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
321	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
324	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
327	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
330	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
333	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
336	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
339	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
342	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
345	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
348	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
351	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
354	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
357	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
360	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
AVERAGE SHIELDING		14.67		12.92		10.92		9.25		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		93		93		92		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 53

SHIELDING OF TARGET AT POSITION C
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
5	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
7	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
10	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
12	92	10.00	92	0.	92	0.	92	0.	0	0.	0	0.
15	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
18	93	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
20	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
23	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
25	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
28	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
30	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
33	92	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
36	92	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
38	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
41	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
43	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
46	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
48	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
51	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
54	93	20.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
56	93	20.00	93	20.00	93	20.00	92	10.00	0	0.	0	0.
59	93	20.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
61	94	30.00	94	30.00	93	20.00	93	20.00	0	0.	0	0.
64	94	30.00	94	30.00	94	30.00	93	30.00	0	0.	0	0.
66	94	40.00	94	40.00	94	40.00	94	30.00	0	0.	0	0.
69	95	50.00	94	40.00	94	40.00	94	40.00	0	0.	0	0.
72	95	60.00	94	50.00	94	50.00	94	50.00	0	0.	0	0.
74	94	70.00	94	70.00	94	60.00	94	60.00	0	0.	0	0.
77	94	90.00	94	80.00	93	70.00	93	60.00	0	0.	0	0.
79	0	100.00	93	80.00	92	70.00	92	50.00	0	0.	0	0.
82	92	90.00	91	60.00	91	40.00	90	30.00	0	0.	0	0.
84	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
87	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.

TABLE 53 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
90	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
92	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
95	90	20.00	90	10.00	89	0.	89	0.	0	0.	0	0.
97	91	30.00	91	20.00	91	20 00	90	10.00	0	0.	0	0.
100	91	20.00	91	20.00	91	10.00	91	10.00	0	0.	0	0.
102	91	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
105	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
108	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
110	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
113	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
115	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
118	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
120	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
123	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
126	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
128	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
131	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
133	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
136	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
138	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
141	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
144	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
146	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
149	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
151	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
154	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
156	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
159	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
162	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
164	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
167	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
169	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
172	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
174	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.

TABLE 53 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
177	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
180	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
182	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
185	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
187	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
190	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
192	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
195	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
198	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
200	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
203	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
205	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.
208	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
210	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
213	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
216	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
218	96	0.	95	0.	95	0.	95	0.	0	0.	0	0.
221	96	0.	96	0.	95	0.	95	0.	0	0.	0	0.
223	96	10.00	96	10.00	95	0.	95	0.	0	0.	0	0.
226	96	10.00	96	10.00	95	0.	95	0.	0	0.	0	0.
228	96	10.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
231	96	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
234	95	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
236	95	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
239	95	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
241	95	10.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
244	95	10.00	95	10.00	94	10.00	94	10.00	0	0.	0	0.
246	95	20.00	95	20.00	94	10.00	94	10.00	0	0.	0	0.
249	95	20.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
252	94	20.00	94	20.00	94	20.00	94	20.00	0	0.	0	0.
254	94	30.00	94	30.00	94	20.00	94	20.00	0	0.	0	0.
257	94	40.00	94	40.00	94	30.00	93	30.00	0	0.	0	0.
259	94	50.00	93	40.00	93	30.00	93	30.00	0	0.	0	0.
262	93	50.00	92	40.00	92	20.00	92	20.00	0	0.	0	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
264	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
267	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
270	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
272	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
275	91	30.00	91	20.00	90	0.	90	0.	0	0.	0	0.
277	93	80.00	93	70.00	92	50.00	92	40.00	0	0.	0	0.
280	94	70.00	94	60.00	93	50.00	93	40.00	0	0.	0	0.
282	94	60.00	94	50.00	94	50.00	93	40.00	0	0.	0	0.
285	94	50.00	94	40.00	93	40.00	93	40.00	0	0.	0	0.
288	93	30.00	93	30.00	93	30.00	93	30.00	0	0.	0	0.
290	93	30.00	93	20.00	93	20.00	92	20.00	0	0.	0	0.
293	93	20.00	93	20.00	92	20.00	92	20.00	0	0.	0	0.
295	93	20.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
298	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
300	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
303	92	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
306	92	10.00	92	0.	91	0.	91	0.	0	0.	0	0.
308	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
311	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
313	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
316	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
318	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
321	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
324	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
326	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
329	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
331	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
334	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
336	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
339	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
342	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
344	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
347	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
349	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.

TABLE C3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
352	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
354	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
357	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
360	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
AVERAGE SHIELDING		11.57		9.86		7.79		6.86		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		92		92		92		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE X
SHIELDING OF TARGET AT POSITION C
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
4	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
6	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
9	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
11	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
13	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
15	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
18	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
20	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
22	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
24	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
27	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
29	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
31	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
33	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
36	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
38	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
40	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
42	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
45	91	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
47	91	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
49	91	10.00	91	10.00	91	10.00	91	0.	0	0.	0	0.
51	92	10.00	92	10.00	91	10.00	91	10.00	0	0.	0	0.
54	92	10.00	92	10.00	91	10.00	91	10.00	0	0.	0	0.
56	92	10.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
58	92	20.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
60	93	20.00	92	20.00	92	20.00	92	20.00	0	0.	0	0.
63	93	20.00	93	20.00	92	20.00	92	20.00	0	0.	0	0.
65	93	30.00	93	30.00	93	20.00	92	20.00	0	0.	0	0.
67	93	30.00	93	30.00	93	30.00	93	30.00	0	0.	0	0.
69	94	40.00	94	40.00	93	40.00	93	30.00	0	0.	0	0.
72	94	50.00	94	50.00	93	40.00	93	40.00	0	0.	0	0.
74	94	60.00	94	60.00	93	50.00	93	50.00	0	0.	0	0.
76	94	70.00	94	70.00	93	60.00	93	60.00	0	0.	0	0.

TABLE 53 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
78	0	100.00	93	80.00	93	80.00	93	70.00	0	0.	0	0.
81	0	100.00	0	100.00	92	80.00	92	60.00	0	0.	0	0.
83	0	100.00	91	70.00	91	50.00	90	30.00	0	0.	0	0.
85	89	10.00	89	0.	89	0.	89	0.	0	0.	0	0.
87	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
90	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
92	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
94	90	10.00	89	0.	89	0.	89	0.	0	0.	0	0.
96	90	20.00	90	20.00	90	10.00	90	10.00	0	0.	0	0.
99	90	10.00	90	10.00	90	10.00	90	0.	0	0.	0	0.
101	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
103	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
105	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
108	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
110	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
112	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
114	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
117	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
119	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
121	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
123	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
126	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
128	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
130	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
132	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
135	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
137	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
139	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
141	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
144	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
146	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
148	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
150	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
153	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.

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TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
155	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
157	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
159	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
162	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
164	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
166	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
168	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
171	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
173	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
175	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
177	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
180	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
182	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
184	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
186	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
189	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
191	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
193	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
195	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
198	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
200	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
202	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
204	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
207	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
209	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.
211	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.
213	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
216	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
218	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
220	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
222	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
225	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
227	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
229	95	10.00	95	10.00	95	10.00	95	0.	0	0.	0	0.

TABLE 53 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
231	95	10.00	95	10.00	95	10.00	95	0.	0	0.	0	0.
234	95	10.00	95	10.00	95	0.	94	0.	0	0.	0	0.
236	95	10.00	95	10.00	94	10.00	94	0.	0	0.	0	0.
238	95	10.00	95	10.00	94	10.00	94	0.	0	0.	0	0.
240	95	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
243	94	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
245	94	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
247	94	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
249	94	10.00	94	10.00	93	10.00	93	10.00	0	0.	0	0.
252	94	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
254	94	20.00	93	20.00	93	10.00	93	10.00	0	0.	0	0.
256	93	20.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
258	93	30.00	93	30.00	93	30.00	93	20.00	0	0.	0	0.
261	93	40.00	93	40.00	92	30.00	92	20.00	0	0.	0	0.
263	92	40.00	92	30.00	91	20.00	91	20.00	0	0.	0	0.
265	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
267	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
270	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
272	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
274	91	40.00	91	20.00	90	10.00	90	0.	0	0.	0	0.
276	93	80.00	93	70.00	92	50.00	92	40.00	0	0.	0	0.
279	93	60.00	93	60.00	93	50.00	92	40.00	0	0.	0	0.
281	93	40.00	93	40.00	93	40.00	92	30.00	0	0.	0	0.
283	93	30.00	93	30.00	92	30.00	92	20.00	0	0.	0	0.
285	93	30.00	93	30.00	92	30.00	92	20.00	0	0.	0	0.
288	92	20.00	92	20.00	92	20.00	92	20.00	0	0.	0	0.
290	92	20.00	92	20.00	92	20.00	92	10.00	0	0.	0	0.
292	92	20.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
294	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
297	92	10.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
299	92	10.00	92	10.00	91	10.00	91	0.	0	0.	0	0.
301	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
303	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
306	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.

TABLE 53 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
308	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
310	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
312	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
315	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
317	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
319	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
321	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
324	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
326	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
328	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
330	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
333	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
335	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
337	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
339	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
342	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
344	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
346	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
348	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
351	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
353	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
355	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
357	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
360	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
AVERAGE SHIELDING		8.69		7.75		6.62		5.25		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		91		91		91		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 5K

SHIELDING OF TARGET AT POSITION D

RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
18	106	60.00	102	40.00	99	30.00	96	20.00	0	0.	0	0.
36	99	40.00	95	20.00	92	10.00	90	0.	0	0.	0	0.
54	90	0.	90	0.	88	0.	87	0.	0	0.	0	0.
72	90	0.	89	0.	87	0.	86	0.	0	0.	0	0.
90	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
108	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
126	97	20.00	94	10.00	93	0.	91	0.	0	0.	0	0.
144	103	30.00	102	30.00	98	10.00	96	10.00	0	0.	0	0.
162	109	40.00	106	30.00	105	30.00	102	20.00	0	0.	0	0.
180	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
198	109	40.00	107	30.00	106	30.00	103	20.00	0	0.	0	0.
216	106	40.00	104	30.00	101	20.00	98	10.00	0	0.	0	0.
234	100	30.00	95	10.00	94	0.	92	0.	0	0.	0	0.
252	92	0.	91	0.	90	0.	88	0.	0	0.	0	0.
270	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
288	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
306	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
324	100	40.00	95	20.00	92	0.	91	0.	0	0.	0	0.
342	106	60.00	102	40.00	99	30.00	96	20.00	0	0.	0	0.
360	109	70.00	107	60.00	102	40.00	99	30.00	0	0.	0	0.
AVERAGE SHIELDING		23.50		16.00		10.00		6.50		0.		0.
AVERAGE TARGET CONTACT ANGLE		98		96		94		92		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE NO.5

TABLE V 54

SHIELDING OF TARGET AT POSITION D

RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
9	109	70.00	108	70.00	107	60.00	106	60.00	0	0.	0	0.
18	109	70.00	108	70.00	107	60.00	106	60.00	0	0	0	0.
27	109	80.00	109	80.00	107	70.00	106	60.00	0	0.	0	0.
36	108	90.00	107	80.00	106	80.00	105	70.00	0	0.	0	0.
45	0	100.00	106	90.00	104	80.00	103	70.00	0	0.	0	0.
54	0	100.00	102	80.00	100	60.00	98	50.00	0	0.	0	0.
63	100	90.00	96	50.00	94	30.00	91	10.00	0	0.	0	0.
72	90	10.00	90	0.	89	0.	88	0.	0	0.	0	0.
81	89	0.	89	0.	88	0.	87	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
99	90	0.	89	0.	89	0.	88	0.	0	0.	0	0.
108	94	30.00	93	20.00	91	0.	91	0.	0	0.	0	0.
117	100	60.00	98	40.00	96	20.00	95	20.00	0	0.	0	0.
126	103	50.00	102	50.00	100	30.00	99	30.00	0	0.	0	0.
135	104	40.00	103	40.00	102	30.00	101	30.00	0	0.	0	0.
144	106	40.00	105	40.00	104	30.00	103	30.00	0	0.	0	0.
153	106	30.00	105	30.00	105	30.00	103	20.00	0	0.	0	0.
162	106	30.00	106	30.00	105	30.00	104	20.00	0	0.	0	0.
171	106	30.00	106	30.00	106	30.00	104	20.00	0	0.	0	0.
180	107	30.00	107	30.00	106	30.00	105	30.00	0	0.	0	0.
189	108	40.00	107	30.00	106	30.00	106	30.00	0	0.	0	0.
198	108	30.00	107	30.00	107	30.00	106	30.00	0	0.	0	0.
207	108	40.00	108	40.00	107	40.00	106	30.00	0	0.	0	0.
216	108	50.00	107	40.00	106	40.00	106	40.00	0	0.	0	0.
225	105	50.00	105	40.00	104	40.00	103	30.00	0	0.	0	0.
234	104	50.00	103	40.00	102	40.00	100	30.00	0	0.	0	0.
243	100	50.00	99	40.00	97	20.00	96	20.00	0	0.	0	0.
252	95	30.00	94	20.00	92	0.	92	0.	0	0.	0	0.
261	91	0.	91	0.	90	0.	89	0.	0	0.	0	0.
270	91	0.	90	0.	89	0.	89	0.	0	0.	0	0.
279	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
288	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
297	100	90.00	97	50.00	94	30.00	92	10.00	0	0.	0	0.
306	104	90.00	102	70.00	100	60.00	99	50.00	0	0.	0	0.

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TABLE 7 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
315	106	90.00	105	80.00	104	70.00	101	50.00	0	0.	0	0.
324	107	80.00	107	80.00	105	70.00	104	60.00	0	0.	0	0.
333	107	70.00	106	60.00	106	60.00	104	50.00	0	0.	0	0.
342	107	60.00	107	60.00	106	60.00	105	50.00	0	0.	0	0.
351	108	70.00	107	60.00	106	60.00	105	50.00	0	0.	0	0.
360	109	70.00	107	60.00	107	60.00	105	50.00	0	0.	0	0.
AVERAGE SHIELDING		47.75		40.75		34.50		29.00		0.		0.
AVERAGE TARGET CONTACT ANGLE		102		101		100		99		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 54

SHIELDING OF TARGET AT POSITION D

RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
6	100	30.00	100	30.00	99	30.00	99	30.00	0	0.	0	0.
12	101	40.00	100	30.00	100	30.00	99	30.00	0	0.	0	0.
18	101	40.00	101	40.00	100	30.00	100	30.00	0	0.	0	0.
24	102	40.00	101	40.00	100	30.00	100	30.00	0	0.	0	0.
30	102	50.00	101	40.00	101	40.00	100	40.00	0	0.	0	0.
36	102	50.00	102	50.00	101	50.00	100	40.00	0	0.	0	0.
42	102	60.00	102	60.00	101	50.00	101	50.00	0	0.	0	0.
48	103	70.00	102	70.00	101	60.00	101	60.00	0	0.	0	0.
54	102	80.00	101	70.00	101	70.00	100	60.00	0	0.	0	0.
60	101	90.00	100	80.00	99	70.00	98	60.00	0	0.	0	0.
66	0	100.00	98	80.00	97	70.00	95	50.00	0	0.	0	0.
72	95	60.00	94	50.00	92	30.00	91	20.00	0	0.	0	0.
78	90	0.	89	0.	89	0.	88	0.	0	0.	0	0.
84	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
90	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
96	90	0.	89	0.	89	0.	88	0.	0	0.	0	0.
102	92	30.00	91	20.00	90	0.	90	0.	0	0.	0	0.
108	96	50.00	95	40.00	93	20.00	93	20.00	0	0.	0	0.
114	98	50.00	97	40.00	96	30.00	96	30.00	0	0.	0	0.
120	99	40.00	99	40.00	98	30.00	97	30.00	0	0.	0	0.
126	99	30.00	99	30.00	98	20.00	97	20.00	0	0.	0	0.
132	99	20.00	99	20.00	98	20.00	98	20.00	0	0.	0	0.
138	99	20.00	99	20.00	99	20.00	98	20.00	0	0.	0	0.
144	99	10.00	99	10.00	98	10.00	98	10.00	0	0.	0	0.
150	99	10.00	99	10.00	98	10.00	98	10.00	0	0.	0	0.
156	99	10.00	99	10.00	98	10.00	98	10.00	0	0.	0	0.
162	99	10.00	99	10.00	99	10.00	98	10.00	0	0.	0	0.
168	100	10.00	99	10.00	99	10.00	98	10.00	0	0.	0	0.
174	100	10.00	100	10.00	99	10.00	99	10.00	0	0.	0	0.
180	100	10.00	100	10.00	100	10.00	99	10.00	0	0.	0	0.
186	101	10.00	100	10.00	100	10.00	99	10.00	0	0.	0	0.
192	102	20.00	101	20.00	100	10.00	100	10.00	0	0.	0	0.
198	102	20.00	102	20.00	101	20.00	100	10.00	0	0.	0	0.
204	102	20.00	102	20.00	101	10.00	100	10.00	0	0.	0	0.

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TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
210	102	20.00	102	20.00	101	20.00	100	10.00	0	0.	0	0.
216	102	20.00	102	20.00	101	20.00	101	20.00	0	0.	0	0.
222	102	30.00	102	30.00	102	30.00	101	20.00	0	0.	0	0.
228	102	30.00	102	30.00	101	30.00	100	20.00	0	0.	0	0.
234	102	40.00	102	40.00	101	30.00	100	30.00	0	0.	0	0.
240	101	50.00	100	40.00	100	40.00	99	30.00	0	0.	0	0.
246	99	50.00	98	40.00	97	30.00	97	30.00	0	0.	0	0.
252	96	40.00	95	30.00	94	20.00	93	10.00	0	0.	0	0.
258	93	20.00	92	10.00	91	0.	91	0.	0	0.	0	0.
264	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
270	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
276	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
282	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
288	95	60.00	94	40.00	93	30.00	92	20.00	0	0.	0	0.
294	99	90.00	98	70.00	97	60.00	96	50.00	0	0.	0	0.
300	101	80.00	100	70.00	99	60.00	98	60.00	0	0.	0	0.
306	102	70.00	101	70.00	100	60.00	99	50.00	0	0.	0	0.
312	102	60.00	101	60.00	100	50.00	100	50.00	0	0.	0	0.
318	101	50.00	101	50.00	100	40.00	99	40.00	0	0.	0	0.
324	100	40.00	100	40.00	99	30.00	98	30.00	0	0.	0	0.
330	99	30.00	99	30.00	99	30.00	98	20.00	0	0.	0	0.
336	99	30.00	99	30.00	98	20.00	97	20.00	0	0.	0	0.
342	99	30.00	99	30.00	98	20.00	97	20.00	0	0.	0	0.
348	99	30.00	99	30.00	98	30.00	97	20.00	0	0.	0	0.
354	99	30.00	99	30.00	99	30.00	98	20.00	0	0.	0	0.
360	100	30.00	99	30.00	99	30.00	99	30.00	0	0.	0	0.
AVERAGE SHIELDING		33.67		30.50		25.50		22.50		0.		0.
AVERAGE TARGET CONTACT ANGLE		99		98		97		97		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE X

SHIELDING OF TARGET AT POSITION D
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
4	97	20.00	96	20.00	96	20.00	96	20.00	0	0.	0	0.
9	97	20.00	97	20.00	96	20.00	96	20.00	0	0.	0	0.
13	97	20.00	97	20.00	97	20.00	96	20.00	0	0.	0	0.
18	97	20.00	97	20.00	97	20.00	96	20.00	0	0.	0	0.
22	97	20.00	97	20.00	97	20.00	96	20.00	0	0.	0	0.
27	97	20.00	97	20.00	97	20.00	97	20.00	0	0.	0	0.
31	98	30.00	98	30.00	97	20.00	97	20.00	0	0.	0	0.
36	98	30.00	98	30.00	97	30.00	97	30.00	0	0.	0	0.
40	98	30.00	98	30.00	97	30.00	97	30.00	0	0.	0	0.
45	98	40.00	98	40.00	97	30.00	97	30.00	0	0.	0	0.
49	99	50.00	99	50.00	98	40.00	98	40.00	0	0.	0	0.
54	99	50.00	99	50.00	98	50.00	97	40.00	0	0.	0	0.
58	99	60.00	99	60.00	98	60.00	97	50.00	0	0.	0	0.
63	99	80.00	99	80.00	98	70.00	97	60.00	0	0.	0	0.
67	98	90.00	98	80.00	97	70.00	96	60.00	0	0.	0	0.
72	95	80.00	95	60.00	94	50.00	93	40.00	0	0.	0	0.
76	94	90.00	93	60.00	91	30.00	91	20.00	0	0.	0	0.
81	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
85	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
90	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
94	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
99	91	30.00	91	20.00	90	0.	90	0.	0	0.	0	0.
103	94	40.00	93	30.00	92	20.00	91	10.00	0	0.	0	0.
108	95	30.00	94	30.00	94	20.00	93	20.00	0	0.	0	0.
112	95	30.00	95	20.00	94	20.00	94	20.00	0	0.	0	0.
117	95	20.00	95	20.00	94	10.00	94	10.00	0	0.	0	0.
121	95	10.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
126	95	10.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
130	95	10.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
135	95	10.00	95	10.00	95	10.00	94	0.	0	0.	0	0.
139	95	10.00	95	0.	95	0.	94	0.	0	0.	0	0.
144	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
148	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
153	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.

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TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
157	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
162	96	0.	95	0.	95	0.	95	0.	0	0.	0	0.
166	96	0.	95	0.	95	0.	95	0.	0	0.	0	0.
171	96	0.	96	0.	95	0.	95	0.	0	0.	0	0.
175	96	0.	96	0.	96	0.	95	0.	0	0.	0	0.
180	97	0.	96	0.	96	0.	96	0.	0	0.	0	0.
184	97	0.	97	0.	96	0.	96	0.	0	0.	0	0.
189	97	10.00	97	0.	97	0.	96	0.	0	0.	0	0.
193	98	10.00	97	10.00	97	10.00	97	0.	0	0.	0	0.
198	98	10.00	98	10.00	97	10.00	97	10.00	0	0.	0	0.
202	98	10.00	98	10.00	98	10.00	97	10.00	0	0.	0	0.
207	98	10.00	98	10.00	98	10.00	98	10.00	0	0.	0	0.
211	99	10.00	98	10.00	98	10.00	98	10.00	0	0.	0	0.
216	99	10.00	99	10.00	98	10.00	98	10.00	0	0.	0	0.
220	99	20.00	99	20.00	98	10.00	98	10.00	0	0.	0	0.
225	99	20.00	99	20.00	99	20.00	98	20.00	0	0.	0	0.
229	99	20.00	99	20.00	99	20.00	98	20.00	0	0.	0	0.
234	100	30.00	99	20.00	99	20.00	98	20.00	0	0.	0	0.
238	99	30.00	99	30.00	98	20.00	98	20.00	0	0.	0	0.
243	99	40.00	99	30.00	98	30.00	98	30.00	0	0.	0	0.
247	98	40.00	98	40.00	97	30.00	97	30.00	0	0.	0	0.
252	97	50.00	96	40.00	95	30.00	95	30.00	0	0.	0	0.
256	95	60.00	94	30.00	93	20.00	92	10.00	0	0.	0	0.
261	92	20.00	91	10.00	91	0.	91	0.	0	0.	0	0.
265	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
270	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
274	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
279	91	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
283	96	90.00	94	60.00	93	40.00	92	20.00	0	0.	0	0.
288	0	100.00	97	80.00	95	60.00	95	50.00	0	0.	0	0.
292	99	90.00	98	80.00	97	70.00	97	60.00	0	0.	0	0.
297	99	70.00	99	70.00	98	60.00	98	60.00	0	0.	0	0.
301	99	60.00	99	60.00	98	50.00	98	50.00	0	0.	0	0.
306	98	40.00	98	40.00	97	40.00	97	40.00	0	0.	0	0.

TABLE I (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
310	98	40.00	97	30.00	97	30.00	96	30.00	0	0.	0	0.
315	97	30.00	97	30.00	97	30.00	96	20.00	0	0.	0	0.
319	97	20.00	96	20.00	96	20.00	96	20.00	0	0.	0	0.
324	96	20.00	96	20.00	96	20.00	95	20.00	0	0.	0	0.
328	96	20.00	96	20.00	95	20.00	95	10.00	0	0.	0	0.
333	96	20.00	95	20.00	95	10.00	94	10.00	0	0.	0	0.
337	95	10.00	95	10.00	94	10.00	94	10.00	0	0.	0	0.
342	95	10.00	95	10.00	94	10.00	94	10.00	0	0.	0	0.
346	95	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
351	95	10.00	95	10.00	94	10.00	94	10.00	0	0.	0	0.
355	96	20.00	96	20.00	95	10.00	94	10.00	0	0.	0	0.
360	96	20.00	96	20.00	96	20.00	95	10.00	0	0.	0	0.
AVERAGE SHIELDING		25.62		22.25		18.62		16.50		0.		0.
AVERAGE TARGET CONTACT ANGLE		96		96		95		95		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 7
SHIELDING OF TARGET AT POSITION D
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	94	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
7	95	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
10	95	20.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
14	95	20.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
18	95	10.00	95	10.00	94	10.00	94	10.00	0	0.	0	0.
21	95	10.00	95	10.00	94	10.00	94	10.00	0	0.	0	0.
25	95	20.00	95	10.00	94	10.00	94	10.00	0	0.	0	0.
28	95	20.00	95	10.00	94	10.00	94	10.00	0	0.	0	0.
32	95	20.00	95	20.00	94	10.00	94	10.00	0	0.	0	0.
36	95	20.00	95	20.00	95	20.00	94	10.00	0	0.	0	0.
39	95	20.00	95	20.00	95	20.00	95	20.00	0	0.	0	0.
43	96	30.00	95	20.00	95	20.00	95	20.00	0	0.	0	0.
46	96	30.00	95	20.00	95	20.00	95	20.00	0	0.	0	0.
50	96	30.00	96	30.00	96	30.00	95	30.00	0	0.	0	0.
54	96	40.00	96	40.00	96	30.00	95	30.00	0	0.	0	0.
57	97	50.00	96	40.00	96	40.00	96	40.00	0	0.	0	0.
61	97	50.00	97	50.00	96	50.00	96	40.00	0	0.	0	0.
64	97	60.00	97	60.00	96	50.00	96	50.00	0	0.	0	0.
68	97	70.00	96	70.00	96	60.00	95	50.00	0	0.	0	0.
72	96	90.00	96	80.00	95	70.00	95	60.00	0	0.	0	0.
75	94	80.00	94	80.00	93	60.00	93	50.00	0	0.	0	0.
79	93	70.00	92	50.00	91	30.00	90	20.00	0	0.	0	0.
82	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
86	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
90	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
93	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
97	91	30.00	90	20.00	90	0.	89	0.	0	0.	0	0.
100	92	30.00	92	30.00	91	20.00	91	10.00	0	0.	0	0.
104	93	30.00	93	30.00	92	20.00	92	20.00	0	0.	0	0.
108	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
111	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
115	93	10.00	93	10.00	92	0.	92	0.	0	0.	0	0.
118	93	10.00	93	0.	92	0.	92	0.	0	0.	0	0.
122	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.

TABLE 54 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
126	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
129	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
133	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
136	93	0.	93	0.	93	0	92	0.	0	0.	0	0.
140	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
144	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
147	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
151	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
154	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
158	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
162	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
165	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
169	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
172	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
176	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
180	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
183	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
187	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.
190	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
194	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
198	96	0.	96	0.	95	0.	95	0.	0	0.	0	0.
201	96	0.	96	0.	96	0.	95	0.	0	0.	0	0.
205	96	0.	96	0.	96	0.	96	0.	0	0.	0	0.
208	97	0.	96	0.	96	0.	96	0.	0	0.	0	0.
212	97	0.	97	0.	96	0.	96	0.	0	0.	0	0.
216	97	10.00	97	10.00	97	0.	96	0.	0	0.	0	0.
219	97	10.00	97	10.00	97	10.00	96	10.00	0	0.	0	0.
223	97	10.00	97	10.00	97	10.00	97	10.00	0	0.	0	0.
226	97	10.00	97	10.00	97	10.00	97	10.00	0	0.	0	0.
230	97	10.00	97	10.00	97	10.00	97	10.00	0	0.	0	0.
234	98	20.00	97	20.00	97	10.00	97	10.00	0	0.	0	0.
237	97	20.00	97	20.00	97	20.00	96	10.00	0	0.	0	0.
241	97	20.00	97	20.00	97	20.00	97	20.00	0	0.	0	0.
244	97	30.00	97	30.00	97	30.00	96	20.00	0	0.	0	0.

TABLE V (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
248	98	40.00	97	40.00	97	40.00	97	30.00	0	0.	0	0.
252	98	60.00	97	60.00	97	50.00	96	40.00	0	0.	0	0.
255	96	70.00	96	60.00	95	50.00	94	30.00	0	0.	0	0.
259	94	50.00	94	40.00	93	30.00	92	20.00	0	0.	0	0.
262	91	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
266	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
270	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
273	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
277	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
280	95	90.00	93	60.00	93	50.00	92	30.00	0	0.	0	0.
284	0	100.00	0	100.00	95	80.00	95	70.00	0	0.	0	0.
288	0	100.00	0	100.00	97	80.00	96	70.00	0	0.	0	0.
291	97	70.00	97	70.00	97	60.00	96	60.00	0	0.	0	0.
295	97	50.00	97	50.00	96	50.00	96	50.00	0	0.	0	0.
298	96	40.00	96	40.00	95	30.00	95	30.00	0	0.	0	0.
302	95	30.00	95	30.00	95	30.00	95	30.00	0	0.	0	0.
306	95	20.00	95	20.00	94	20.00	94	20.00	0	0.	0	0.
309	95	20.00	95	20.00	94	20.00	94	20.00	0	0.	0	0.
313	95	20.00	94	20.00	94	10.00	94	10.00	0	0.	0	0.
316	94	20.00	94	20.00	94	10.00	93	10.00	0	0.	0	0.
320	94	10.00	94	10.00	93	10.00	93	10.00	0	0.	0	0.
324	94	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
327	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
331	93	10.00	93	10.00	93	10.00	92	0.	0	0.	0	0.
334	93	10.00	93	10.00	92	0.	92	0.	0	0.	0	0.
338	93	10.00	93	0.	92	0.	92	0.	0	0.	0	0.
342	93	10.00	93	0.	92	0.	92	0.	0	0.	0	0.
345	93	10.00	93	10.00	92	0.	92	0.	0	0.	0	0.
349	93	10.00	93	10.00	93	10.00	92	0.	0	0.	0	0.
352	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
356	94	10.00	94	10.00	93	10.00	93	10.00	0	0.	0	0.
360	94	10.00	94	10.00	94	10.00	93	10.00	0	0.	0	0.
AVERAGE SHIELDING		20.00		17.70		14.60		12.60		0.		0.
AVERAGE TARGET CONTACT ANGLE		94		94		94		93		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE X

SHIELDING OF TARGET AT POSITION D

RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	93	10.00	93	10.00	93	10.00	93	0.	0	0.	0	0.
6	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
9	94	10.00	94	10.00	93	10.00	93	10.00	0	0.	0	0.
12	94	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
15	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
18	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
21	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
24	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
27	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
30	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
33	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
36	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
39	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
42	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
45	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
48	94	20.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
51	94	20.00	94	20.00	94	20.00	93	20.00	0	0.	0	0.
54	94	20.00	94	20.00	94	20.00	94	20.00	0	0.	0	0.
57	95	30.00	94	30.00	94	30.00	94	20.00	0	0.	0	0.
60	95	30.00	95	30.00	94	30.00	94	30.00	0	0.	0	0.
63	95	40.00	95	40.00	95	40.00	95	40.00	0	0.	0	0.
66	95	50.00	95	50.00	95	40.00	95	40.00	0	0.	0	0.
69	95	60.00	95	60.00	95	50.00	95	50.00	0	0.	0	0.
72	95	70.00	95	70.00	95	60.00	94	50.00	0	0.	0	0.
75	0	100.00	95	80.00	94	70.00	94	70.00	0	0.	0	0.
78	0	100.00	94	80.00	93	70.00	92	50.00	0	0.	0	0.
81	93	90.00	92	60.00	91	40.00	90	30.00	0	0.	0	0.
84	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
87	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
90	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
93	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
96	90	20.00	90	10.00	89	0.	89	0.	0	0.	0	0.
99	91	30.00	91	30.00	91	20.00	90	10.00	0	0.	0	0.
102	92	20.00	92	20.00	91	10.00	91	10.00	0	0.	0	0.

TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
105	91	10.00	91	10.00	91	10.00	91	0.	0	0.	0	0.
108	91	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
111	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
114	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
117	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
120	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
123	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
126	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
129	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
132	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
135	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
138	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
141	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
144	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
147	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
150	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
153	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
156	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
159	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
162	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
165	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
168	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
171	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
174	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
177	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
180	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
183	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
186	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
189	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
192	94	0.	93	0.	93	0.	93	0.	0	0.	0	0.
195	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
198	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
201	95	0.	94	0.	94	0.	94	0.	0	0.	0	0.
204	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.

AD-A040 173 ARMY ENGINEER WATERWAYS EXPERIMENT STATION VICKSBURG MISS F/G 18/6
ANALYTICAL STUDY OF GROUND-SURFACE SHIELDING CHARACTERISTICS OF--ETC(U)
JUN 74 H W WEST, P L DOIRON, J A PARKS

UNCLASSIFIED WES-TR-M-74-4-VOL-2 NL

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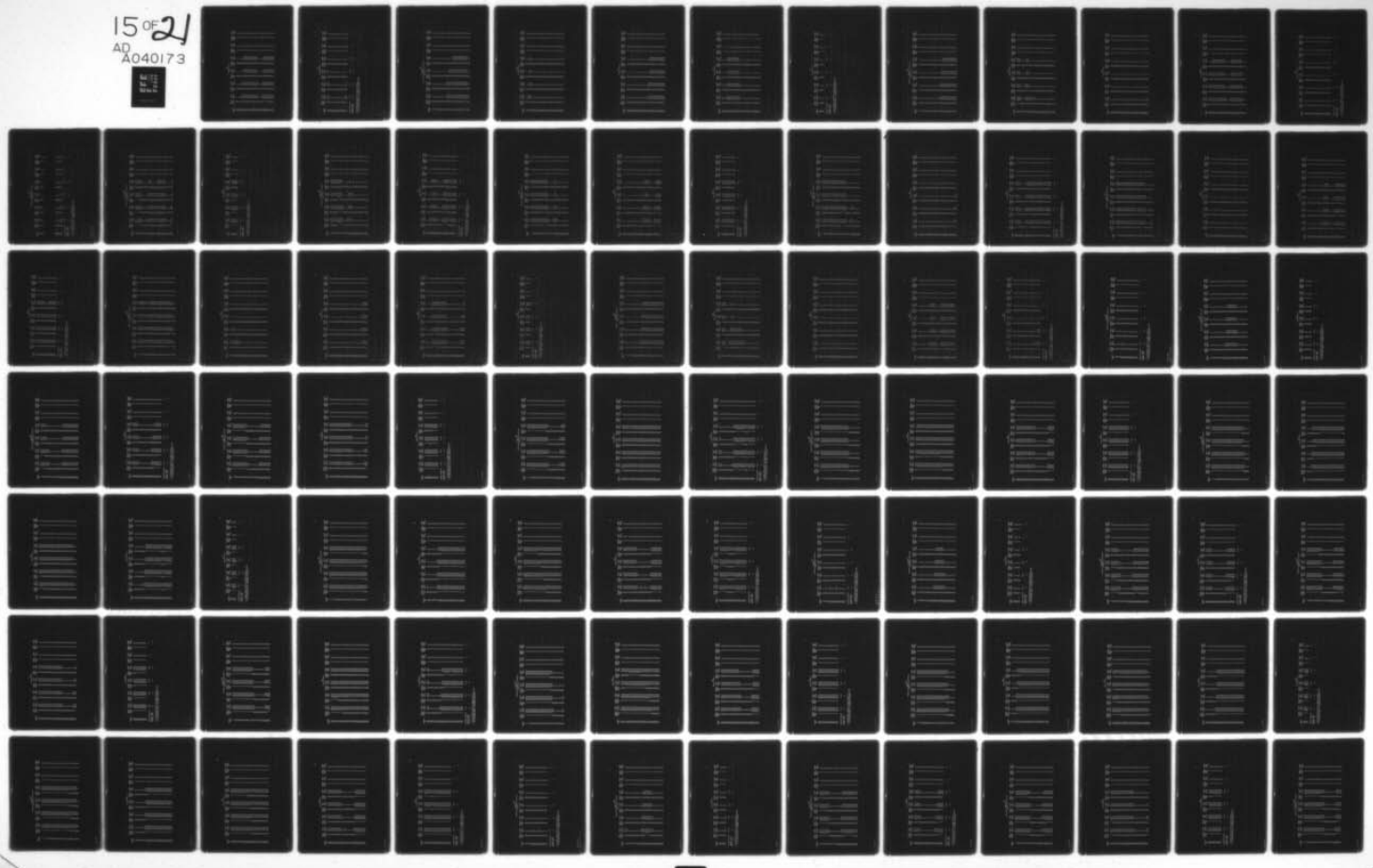

TABLE 54 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
207	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
210	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
213	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
216	96	0.	96	0.	95	0.	95	0.	0	0.	0	0.
219	96	0.	96	0.	96	0.	95	0.	0	0.	0	0.
222	96	10.00	96	10.00	96	0.	96	0.	0	0.	0	0.
225	96	10.00	96	10.00	96	10.00	96	10.00	0	0.	0	0.
228	96	10.00	96	10.00	96	10.00	96	10.00	0	0.	0	0.
231	96	10.00	96	10.00	96	10.00	96	10.00	0	0.	0	0.
234	97	10.00	96	10.00	96	10.00	96	10.00	0	0.	0	0.
237	96	10.00	96	10.00	96	10.00	96	10.00	0	0.	0	0.
240	96	20.00	96	20.00	96	20.00	96	20.00	0	0.	0	0.
243	96	20.00	96	20.00	96	20.00	95	10.00	0	0.	0	0.
246	96	20.00	96	20.00	96	20.00	95	10.00	0	0.	0	0.
249	96	30.00	96	30.00	95	20.00	95	20.00	0	0.	0	0.
252	96	40.00	96	30.00	95	30.00	95	30.00	0	0.	0	0.
255	96	60.00	96	50.00	95	40.00	95	40.00	0	0.	0	0.
258	95	70.00	95	50.00	94	40.00	94	30.00	0	0.	0	0.
261	94	60.00	93	40.00	92	30.00	92	20.00	0	0.	0	0.
264	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
267	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
270	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
273	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
276	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
279	94	90.00	93	60.00	92	50.00	92	30.00	0	0.	0	0.
282	0	100.00	0	100.00	95	80.00	94	60.00	0	0.	0	0.
285	0	100.00	96	90.00	96	80.00	95	70.00	0	0.	0	0.
288	96	60.00	96	60.00	95	60.00	95	50.00	0	0.	0	0.
291	95	50.00	95	40.00	95	40.00	94	40.00	0	0.	0	0.
294	94	30.00	94	30.00	94	30.00	94	30.00	0	0.	0	0.
297	94	30.00	94	20.00	93	20.00	93	20.00	0	0.	0	0.
300	93	20.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
303	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
306	93	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.

TABLE 5A (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
309	92	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
312	92	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
315	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
318	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
321	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
324	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
327	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
330	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
333	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
336	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
339	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
342	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
345	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
348	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
351	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
354	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
357	93	10.00	93	0.	92	0.	92	0.	0	0.	0	0.
360	93	10.00	93	10.00	93	0.	92	0.	0	0.	0	0.
AVERAGE SHIELDING		15.25		13.17		11.25		9.67		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		93		93		92		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 5

SHIELDING OF TARGET AT POSITION D
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
5	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
7	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
10	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
12	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
15	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
18	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
20	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
23	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
25	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
28	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
30	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
33	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
36	92	10.00	92	10.00	92	0.	91	0.	0	0.	0	0.
38	92	10.00	92	10.00	92	0.	91	0.	0	0.	0	0.
41	92	10.00	92	10.00	92	10.00	91	0.	0	0.	0	0.
43	92	10.00	92	10.00	92	10.00	91	0.	0	0.	0	0.
46	92	10.00	92	10.00	92	10.00	91	0.	0	0.	0	0.
48	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
51	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
54	93	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
56	93	20.00	93	20.00	93	20.00	92	10.00	0	0.	0	0.
59	93	20.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
61	94	30.00	94	30.00	93	20.00	93	20.00	0	0.	0	0.
64	94	30.00	94	30.00	94	30.00	93	30.00	0	0.	0	0.
66	94	40.00	94	40.00	94	40.00	94	30.00	0	0.	0	0.
69	95	50.00	94	50.00	94	40.00	94	40.00	0	0.	0	0.
72	95	60.00	94	60.00	94	50.00	94	50.00	0	0.	0	0.
74	95	80.00	94	70.00	94	70.00	94	60.00	0	0.	0	0.
77	94	90.00	94	80.00	94	70.00	93	60.00	0	0.	0	0.
79	0	100.00	0	100.00	93	80.00	92	60.00	0	0.	0	0.
82	92	80.00	91	60.00	91	40.00	90	30.00	0	0.	0	0.
84	89	10.00	89	0.	89	0.	89	0.	0	0.	0	0.
87	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.

5K

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
90	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
92	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
95	90	10.00	90	0.	89	0.	89	0.	0	0.	0	0.
97	91	20.00	91	20.00	90	10.00	90	10.00	0	0.	0	0.
100	91	10.00	91	10.00	90	10.00	90	0.	0	0.	0	0.
102	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
105	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
108	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
110	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
113	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
115	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
118	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
120	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
123	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
126	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
128	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
131	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
133	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
136	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
138	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
141	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
144	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
146	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
149	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
151	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
154	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
156	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
159	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
162	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
164	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
167	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
169	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
172	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
174	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.

TABLE 5K (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
177	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
180	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
182	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
185	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
187	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
190	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
192	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
195	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
198	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
200	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
203	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
205	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
208	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
210	95	0.	94	0.	94	0.	94	0.	0	0.	0	0.
213	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.
216	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
218	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
221	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
223	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
226	96	10.00	95	10.00	95	0.	95	0.	0	0.	0	0.
228	96	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
231	96	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
234	96	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
236	96	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
239	95	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
241	95	10.00	95	10.00	95	10.00	95	10.00	0	0.	0	0.
244	95	10.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
246	95	20.00	95	20.00	95	20.00	94	10.00	0	0.	0	0.
249	95	20.00	95	20.00	94	10.00	94	10.00	0	0.	0	0.
252	95	20.00	95	20.00	94	20.00	94	20.00	0	0.	0	0.
254	95	30.00	95	30.00	94	30.00	94	20.00	0	0.	0	0.
257	94	40.00	94	40.00	94	30.00	94	30.00	0	0.	0	0.
259	94	60.00	94	50.00	93	40.00	93	30.00	0	0.	0	0.
262	93	60.00	93	40.00	92	30.00	92	20.00	0	0.	0	0.

TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
264	91	20.00	91	10.00	90	0.	90	0.	0	0.	0	0.
267	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
270	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
272	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
275	91	20.00	90	10.00	90	0.	90	0.	0	0.	0	0.
277	93	80.00	93	70.00	92	50.00	92	30.00	0	0.	0	0.
280	0	100.00	94	90.00	94	70.00	93	60.00	0	0.	0	0.
282	95	80.00	95	70.00	94	70.00	94	60.00	0	0.	0	0.
285	95	60.00	94	60.00	94	50.00	94	40.00	0	0.	0	0.
288	94	40.00	94	30.00	93	30.00	93	30.00	0	0.	0	0.
290	93	30.00	93	30.00	93	20.00	93	20.00	0	0.	0	0.
293	93	20.00	93	20.00	93	20.00	92	20.00	0	0.	0	0.
295	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
298	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
300	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
303	92	10.00	92	10.00	92	0.	91	0.	0	0.	0	0.
306	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
308	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
311	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
313	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
316	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
318	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
321	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
324	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
326	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
329	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
331	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
334	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
336	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
339	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
342	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
344	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
347	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
349	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.

TABLE 5K (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
352	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
354	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
357	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
360	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
AVERAGE SHIELDING		11.14		10.07		8.21		6.79		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		92		92		91		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE X
SHIELDING OF TARGET AT POSITION D
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
4	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
6	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
9	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
11	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
13	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
15	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
18	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
20	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
22	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
24	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
27	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
29	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
31	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
33	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
36	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
38	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
40	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
42	91	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
45	92	10.00	92	10.00	91	0.	91	0.	0	0.	0	0.
47	92	10.00	92	10.00	91	10.00	91	0.	0	0.	0	0.
49	92	10.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
51	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
54	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
56	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
58	93	20.00	92	20.00	92	10.00	92	10.00	0	0.	0	0.
60	93	20.00	93	20.00	92	20.00	92	20.00	0	0.	0	0.
63	93	20.00	93	20.00	92	20.00	92	20.00	0	0.	0	0.
65	93	30.00	93	30.00	93	20.00	92	20.00	0	0.	0	0.
67	93	30.00	93	30.00	93	30.00	93	30.00	0	0.	0	0.
69	94	40.00	94	40.00	93	40.00	93	30.00	0	0.	0	0.
72	94	50.00	94	50.00	93	40.00	93	40.00	0	0.	0	0.
74	94	60.00	94	60.00	93	50.00	93	50.00	0	0.	0	0.
76	94	70.00	94	70.00	93	60.00	93	60.00	0	0.	0	0.

TABLE 54 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
78	94	90.00	94	90.00	93	70.00	93	70.00	0	0.	0	0.
81	0	100.00	93	90.00	92	80.00	92	60.00	0	0.	0	0.
83	0	100.00	92	80.00	91	60.00	90	40.00	0	0.	0	0.
85	89	10.00	89	0.	89	0.	89	0.	0	0.	0	0.
87	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
90	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
92	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
94	90	10.00	89	10.00	89	0.	89	0.	0	0.	0	0.
96	91	40.00	90	20.00	90	20.00	90	10.00	0	0.	0	0.
99	91	20.00	91	20.00	90	10.00	90	10.00	0	0.	0	0.
101	91	30.00	91	10.00	91	10.00	90	0.	0	0.	0	0.
103	91	40.00	91	0.	90	0.	90	0.	0	0.	0	0.
105	91	40.00	90	0.	90	0.	90	0.	0	0.	0	0.
108	91	50.00	90	0.	90	0.	90	0.	0	0.	0	0.
110	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
112	90	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
114	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
117	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
119	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
121	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
123	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
126	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
128	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
130	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
132	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
135	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
137	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
139	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
141	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
144	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
146	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
148	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
150	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
153	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
155	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
157	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
159	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
162	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
164	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
166	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
168	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
171	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
173	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
175	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
177	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
180	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
182	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
184	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
186	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
189	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
191	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
193	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
195	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
198	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
200	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
202	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
204	94	0.	93	0.	93	0.	93	0.	0	0.	0	0.
207	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
209	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
211	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
213	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
216	95	0.	94	0.	94	0.	94	0.	0	0.	0	0.
218	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.
220	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
222	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
225	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
227	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
229	95	10.00	95	0.	95	0.	95	0.	0	0.	0	0.

TABLE 54 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
231	95	10.00	95	10.00	95	10.00	95	0.	0	0.	0	0.
234	95	10.00	95	10.00	95	10.00	95	0.	0	0.	0	0.
236	95	10.00	95	10.00	95	10.00	94	0.	0	0.	0	0.
238	95	10.00	95	10.00	95	10.00	94	10.00	0	0.	0	0.
240	95	10.00	95	10.00	94	10.00	94	10.00	0	0.	0	0.
243	95	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
245	94	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
247	94	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
249	94	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
252	94	20.00	94	10.00	93	10.00	93	10.00	0	0.	0	0.
254	94	20.00	94	20.00	94	20.00	93	10.00	0	0.	0	0.
256	94	30.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
258	94	40.00	93	30.00	93	30.00	93	20.00	0	0.	0	0.
261	93	50.00	93	40.00	93	30.00	92	30.00	0	0.	0	0.
263	92	50.00	92	40.00	92	20.00	91	20.00	0	0.	0	0.
265	91	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
267	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
270	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
272	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
274	91	30.00	91	20.00	90	0.	90	0.	0	0.	0	0.
276	0	100.00	93	80.00	92	60.00	92	40.00	0	0.	0	0.
279	93	70.00	93	60.00	93	60.00	93	50.00	0	0.	0	0.
281	94	60.00	94	60.00	93	50.00	93	50.00	0	0.	0	0.
283	93	50.00	93	40.00	93	40.00	93	40.00	0	0.	0	0.
285	93	40.00	93	30.00	93	30.00	92	30.00	0	0.	0	0.
288	93	20.00	92	20.00	92	20.00	92	20.00	0	0.	0	0.
290	92	20.00	92	20.00	92	20.00	92	10.00	0	0.	0	0.
292	92	20.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
294	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
297	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
299	92	10.00	92	10.00	91	10.00	91	0.	0	0.	0	0.
301	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
303	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
306	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
308	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
310	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
312	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
315	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
317	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
319	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
321	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
324	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
326	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
328	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
330	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
333	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
335	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
337	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
339	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
342	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
344	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
346	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
348	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
351	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
353	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
355	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
357	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
360	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
AVERAGE SHIELDING		10.75		8.37		7.06		5.94		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		91		91		91		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 8
SHIELDING OF TARGET AT POSITION E
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
18	98	40.00	94	20.00	91	0.	89	0.	0	0.	0	0.
36	90	0.	89	0.	88	0.	87	0.	0	0.	0	0.
54	89	0.	89	0.	87	0.	86	0.	0	0.	0	0.
72	90	0.	89	0.	87	0.	86	0.	0	0.	0	0.
[illegible]									0	0.	0	0.
[illegible]									0	0.	0	0.
252	94	0.	94	0.	92	0.	91	0.	0	0.	0	0.
270	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
288	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
306	92	0.	90	0.	88	0.	87	0.	0	0.	0	0.
324	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
342	99	40.00	94	20.00	91	0.	90	0.	0	0.	0	0.
360	103	60.00	98	40.00	92	10.00	91	0.	0	0.	0	0.
AVERAGE SHIELDING		13.00		9.00		3.00		1.00		0.		0.
AVERAGE TARGET CONTACT ANGLE		97		95		93		92		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE NO. 5
TABLE [illegible]

TABLE 8

SHIELDING OF TARGET AT POSITION E

RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
9	0	100.00	0	100.00	0	100.00	108	90.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	107	90.00	0	0.	0	0.
27	0	100.00	0	100.00	0	100.00	106	90.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	104	90.00	0	0.	0	0.
45	0	100.00	0	100.00	102	80.00	100	70.00	0	0.	0	0.
54	0	100.00	99	80.00	97	60.00	95	40.00	0	0.	0	0.
63	95	60.00	90	10.00	89	0.	89	0.	0	0.	0	0.
72	89	0.	89	0.	88	0.	87	0.	0	0.	0	0.
81	89	0.	89	0.	88	0.	87	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
99	91	10.00	91	0.	90	0.	89	0.	0	0.	0	0.
108	94	30.00	94	10.00	93	10.00	93	0.	0	0.	0	0.
117	99	20.00	98	20.00	97	10.00	96	10.00	0	0.	0	0.
126	101	20.00	101	20.00	100	10.00	99	10.00	0	0.	0	0.
135	103	20.00	102	10.00	101	10.00	100	10.00	0	0.	0	0.
144	103	10.00	102	10.00	102	10.00	101	0.	0	0.	0	0.
153	103	10.00	103	10.00	102	10.00	102	0.	0	0.	0	0.
162	104	10.00	104	10.00	103	10.00	102	0.	0	0.	0	0.
171	105	10.00	104	10.00	103	10.00	103	0.	0	0.	0	0.
180	105	10.00	105	10.00	104	10.00	103	0.	0	0.	0	0.
189	105	10.00	105	10.00	104	10.00	104	10.00	0	0.	0	0.
198	105	10.00	105	10.00	104	10.00	104	10.00	0	0.	0	0.
207	106	10.00	105	10.00	105	10.00	104	10.00	0	0.	0	0.
216	106	20.00	105	10.00	105	10.00	104	10.00	0	0.	0	0.
225	106	30.00	105	20.00	105	20.00	104	20.00	0	0.	0	0.
234	104	30.00	103	20.00	102	20.00	101	10.00	0	0.	0	0.
243	101	30.00	100	20.00	99	20.00	98	10.00	0	0.	0	0.
252	99	40.00	97	20.00	95	10.00	94	0.	0	0.	0	0.
261	92	10.00	92	0.	91	0.	90	0.	0	0.	0	0.
270	91	0.	90	0.	89	0.	89	0.	0	0.	0	0.
279	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
288	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
297	97	70.00	92	20.00	90	0.	90	0.	0	0.	0	0.
306	0	100.00	100	80.00	98	60.00	95	40.00	0	0.	0	0.

TABLE 55 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
315	0	100.00	0	100.00	102	80.00	101	70.00	0	0.	0	0.
324	0	100.00	0	100.00	0	100.00	104	80.00	0	0.	0	0.
333	0	100.00	0	100.00	107	90.00	105	80.00	0	0.	0	0.
342	0	100.00	0	100.00	108	90.00	107	90.00	0	0.	0	0.
351	0	100.00	0	100.00	0	100.00	108	90.00	0	0.	0	0.
360	0	100.00	0	100.00	0	100.00	108	90.00	0	0.	0	0.
AVERAGE SHIELDING		44.25		38.00		34.00		28.00		0.		0.
AVERAGE TARGET CONTACT ANGLE		99		98		98		99		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 55

SHIELDING OF TARGET AT POSITION E

RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
6	103	60.00	102	60.00	101	50.00	101	50.00	0	0.	0	0.
12	103	60.00	102	60.00	101	50.00	101	50.00	0	0.	0	0.
18	103	60.00	102	60.00	101	50.00	101	50.00	0	0.	0	0.
24	103	60.00	102	60.00	102	60.00	101	50.00	0	0.	0	0.
30	103	70.00	103	70.00	102	70.00	101	60.00	0	0.	0	0.
36	103	80.00	103	80.00	102	70.00	102	70.00	0	0.	0	0.
42	104	90.00	103	90.00	102	80.00	102	80.00	0	0.	0	0.
48	0	100.00	0	100.00	0	100.00	102	90.00	0	0.	0	0.
54	0	100.00	0	100.00	0	100.00	100	90.00	0	0.	0	0.
60	0	100.00	0	100.00	99	90.00	97	70.00	0	0.	0	0.
66	0	100.00	0	100.00	95	70.00	94	50.00	0	0.	0	0.
72	92	40.00	90	20.00	89	0.	89	0.	0	0.	0	0.
78	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
84	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
90	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
96	90	10.00	90	0.	90	0.	89	0.	0	0.	0	0.
102	93	20.00	92	10.00	92	10.00	91	0.	0	0.	0	0.
108	95	20.00	94	10.00	94	10.00	93	10.00	0	0.	0	0.
114	96	10.00	95	10.00	95	10.00	95	0.	0	0.	0	0.
120	97	10.00	96	10.00	96	10.00	96	0.	0	0.	0	0.
126	97	0.	97	0.	96	0.	96	0.	0	0.	0	0.
132	97	0.	97	0.	97	0.	96	0.	0	0.	0	0.
138	98	0.	97	0.	97	0.	96	0.	0	0.	0	0.
144	98	0.	97	0.	97	0.	96	0.	0	0.	0	0.
150	98	0.	98	0.	97	0.	97	0.	0	0.	0	0.
156	98	0.	98	0.	97	0.	97	0.	0	0.	0	0.
162	98	0.	98	0.	97	0.	97	0.	0	0.	0	0.
168	98	0.	98	0.	98	0.	97	0.	0	0.	0	0.
174	99	0.	98	0.	98	0.	97	0.	0	0.	0	0.
180	99	0.	99	0.	98	0.	98	0.	0	0.	0	0.
186	99	0.	99	0.	99	0.	98	0.	0	0.	0	0.
192	100	0.	99	0.	99	0.	99	0.	0	0.	0	0.
198	100	0.	100	0.	100	0.	99	0.	0	0.	0	0.
204	101	0.	100	0.	100	0.	99	0.	0	0.	0	0.

TABLE 7 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
210	101	0.	101	0.	100	0.	100	0.	0	0.	0	0.
216	101	0.	101	0.	101	0.	100	0.	0	0.	0	0.
222	102	10.00	101	10.00	101	0.	100	0.	0	0.	0	0.
228	101	10.00	101	10.00	101	10.00	100	10.00	0	0.	0	0.
234	101	10.00	101	10.00	100	10.00	100	10.00	0	0.	0	0.
240	101	20.00	101	20.00	100	20.00	100	20.00	0	0.	0	0.
246	99	20.00	99	20.00	98	10.00	98	10.00	0	0.	0	0.
252	97	20.00	97	20.00	96	10.00	95	10.00	0	0.	0	0.
258	94	20.00	94	10.00	93	10.00	93	0.	0	0.	0	0.
264	91	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
270	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
276	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
282	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
288	93	50.00	91	20.00	90	0.	90	0.	0	0.	0	0.
294	0	100.00	98	90.00	96	70.00	94	50.00	0	0.	0	0.
300	0	100.00	0	100.00	99	90.00	98	80.00	0	0.	0	0.
306	0	100.00	0	100.00	101	90.00	100	80.00	0	0.	0	0.
312	0	100.00	103	90.00	102	80.00	101	70.00	0	0.	0	0.
318	103	80.00	102	80.00	101	70.00	100	60.00	0	0.	0	0.
324	102	70.00	102	70.00	101	60.00	100	60.00	0	0.	0	0.
330	102	60.00	101	60.00	100	50.00	100	50.00	0	0.	0	0.
336	101	50.00	101	50.00	100	50.00	99	40.00	0	0.	0	0.
342	101	50.00	101	50.00	101	50.00	100	40.00	0	0.	0	0.
348	102	50.00	101	50.00	101	50.00	100	50.00	0	0.	0	0.
354	102	60.00	102	50.00	101	50.00	101	50.00	0	0.	0	0.
360	103	60.00	102	60.00	101	50.00	101	50.00	0	0.	0	0.
AVERAGE SHIELDING		34.00		31.83		27.67		24.33		0.		0.
AVERAGE TARGET CONTACT ANGLE		98		98		97		97		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

55

TABLE X
SHIELDING OF TARGET AT POSITION E
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
4	98	40.00	98	40.00	97	30.00	97	30.00	0	0.	0	0.
9	98	40.00	98	40.00	97	30.00	97	30.00	0	0.	0	0.
13	98	40.00	98	40.00	97	30.00	97	30.00	0	0.	0	0.
18	98	40.00	98	40.00	97	30.00	97	30.00	0	0.	0	0.
22	98	40.00	98	40.00	98	40.00	97	30.00	0	0.	0	0.
27	98	40.00	98	40.00	98	40.00	97	30.00	0	0.	0	0.
31	98	40.00	98	40.00	98	40.00	97	40.00	0	0.	0	0.
36	99	50.00	98	50.00	98	50.00	97	40.00	0	0.	0	0.
40	99	50.00	99	50.00	98	50.00	98	50.00	0	0.	0	0.
45	99	60.00	99	60.00	99	60.00	98	60.00	0	0.	0	0.
49	99	70.00	99	70.00	98	60.00	98	60.00	0	0.	0	0.
54	100	80.00	99	80.00	99	70.00	98	70.00	0	0.	0	0.
58	99	90.00	99	90.00	98	80.00	98	80.00	0	0.	0	0.
63	0	100.00	0	100.00	0	100.00	98	90.00	0	0.	0	0.
67	0	100.00	0	100.00	96	80.00	95	70.00	0	0.	0	0.
72	95	90.00	94	70.00	93	50.00	91	30.00	0	0.	0	0.
76	92	60.00	90	30.00	89	0.	89	0.	0	0.	0	0.
81	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
85	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
90	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
94	90	10.00	90	0.	89	0.	89	0.	0	0.	0	0.
99	92	10.00	91	10.00	91	10.00	91	0.	0	0.	0	0.
103	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
108	93	10.00	93	10.00	93	0.	92	0.	0	0.	0	0.
112	94	0.	93	0.	93	0.	93	0.	0	0.	0	0.
117	94	0.	93	0.	93	0.	93	0.	0	0.	0	0.
121	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
126	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
130	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
135	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
139	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
144	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
148	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
153	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.

TABLE 7 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
157	95	0.	94	0.	94	0.	94	0.	0	0.	0	0.
162	95	0.	94	0.	94	0.	94	0.	0	0.	0	0.
166	95	0.	94	0.	94	0.	94	0.	0	0.	0	0.
171	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.
175	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.
180	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
184	96	0.	95	0.	95	0.	95	0.	0	0.	0	0.
189	96	0.	96	0.	95	0.	95	0.	0	0.	0	0.
193	96	0.	96	0.	96	0.	95	0.	0	0.	0	0.
198	97	0.	97	0.	96	0.	96	0.	0	0.	0	0.
202	97	0.	97	0.	97	0.	96	0.	0	0.	0	0.
207	98	0.	98	0.	97	0.	97	0.	0	0.	0	0.
211	98	0.	98	0.	98	0.	97	0.	0	0.	0	0.
216	98	0.	98	0.	98	0.	98	0.	0	0.	0	0.
220	99	0.	98	0.	98	0.	98	0.	0	0.	0	0.
225	99	0.	99	0.	98	0.	98	0.	0	0.	0	0.
229	99	0.	99	0.	98	0.	98	0.	0	0.	0	0.
234	99	0.	99	0.	98	0.	98	0.	0	0.	0	0.
238	99	10.00	98	10.00	98	0.	98	0.	0	0.	0	0.
243	98	10.00	98	10.00	98	10.00	97	10.00	0	0.	0	0.
247	98	20.00	98	20.00	97	10.00	97	10.00	0	0.	0	0.
252	97	20.00	96	10.00	96	10.00	95	10.00	0	0.	0	0.
256	95	20.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
261	93	10.00	92	10.00	92	0.	92	0.	0	0.	0	0.
265	91	10.00	91	0.	90	0.	90	0.	0	0.	0	0.
270	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
274	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
279	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
283	93	60.00	91	30.00	90	0.	90	0.	0	0.	0	0.
288	95	80.00	95	70.00	93	50.00	92	30.00	0	0.	0	0.
292	0	100.00	0	100.00	97	90.00	96	80.00	0	0.	0	0.
297	0	100.00	0	100.00	98	90.00	98	80.00	0	0.	0	0.
301	100	90.00	99	80.00	99	80.00	98	70.00	0	0.	0	0.
306	99	70.00	99	70.00	98	60.00	98	60.00	0	0.	0	0.

TABLE X (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
310	98	60.00	98	50.00	98	50.00	97	50.00	0	0.	0	0.
315	98	50.00	98	50.00	97	40.00	96	40.00	0	0.	0	0.
319	97	40.00	97	40.00	97	40.00	96	30.00	0	0.	0	0.
324	97	40.00	97	40.00	96	30.00	96	30.00	0	0.	0	0.
328	96	30.00	96	30.00	95	20.00	95	20.00	0	0.	0	0.
333	96	30.00	96	30.00	95	20.00	95	20.00	0	0.	0	0.
337	96	30.00	96	30.00	95	20.00	95	20.00	0	0.	0	0.
342	97	30.00	96	30.00	96	30.00	95	20.00	0	0.	0	0.
346	97	30.00	97	30.00	96	30.00	96	20.00	0	0.	0	0.
351	97	30.00	97	30.00	97	30.00	96	30.00	0	0.	0	0.
355	98	30.00	97	30.00	97	30.00	97	30.00	0	0.	0	0.
360	98	40.00	98	40.00	97	30.00	97	30.00	0	0.	0	0.
AVERAGE SHIELDING		26.37		24.50		20.50		18.50		0.		0.
AVERAGE TARGET CONTACT ANGLE		96		95		95		95		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE X
SHIELDING OF TARGET AT POSITION E
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	95	20.00	95	20.00	95	20.00	95	20.00	0	0.	0	0.
7	95	20.00	95	20.00	95	20.00	95	20.00	0	0.	0	0.
10	95	20.00	95	20.00	95	20.00	94	20.00	0	0.	0	0.
14	95	20.00	95	20.00	95	20.00	94	20.00	0	0.	0	0.
18	95	20.00	95	20.00	95	20.00	94	20.00	0	0.	0	0.
21	95	20.00	95	20.00	95	20.00	94	20.00	0	0.	0	0.
25	95	20.00	95	20.00	95	20.00	94	20.00	0	0.	0	0.
28	95	30.00	95	20.00	95	20.00	94	20.00	0	0.	0	0.
32	95	30.00	95	30.00	95	20.00	94	20.00	0	0.	0	0.
36	95	30.00	95	30.00	95	30.00	95	30.00	0	0.	0	0.
39	95	30.00	95	30.00	95	30.00	95	30.00	0	0.	0	0.
43	96	40.00	96	40.00	95	30.00	95	30.00	0	0.	0	0.
46	95	40.00	96	40.00	96	40.00	95	40.00	0	0.	0	0.
50	97	50.00	97	50.00	96	50.00	96	40.00	0	0.	0	0.
54	97	60.00	97	60.00	96	50.00	96	50.00	0	0.	0	0.
57	97	70.00	97	70.00	97	60.00	96	60.00	0	0.	0	0.
61	97	80.00	97	80.00	97	70.00	96	70.00	0	0.	0	0.
64	0	100.00	97	90.00	97	80.00	96	80.00	0	0.	0	0.
68	0	100.00	0	100.00	0	100.00	96	90.00	0	0.	0	0.
72	0	100.00	0	100.00	95	90.00	94	80.00	0	0.	0	0.
75	0	100.00	0	100.00	93	70.00	92	50.00	0	0.	0	0.
79	91	60.00	90	30.00	89	0.	89	0.	0	0.	0	0.
82	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
86	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
90	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
93	90	10.00	90	0.	89	0.	89	0.	0	0.	0	0.
97	91	10.00	91	10.00	90	0.	90	0.	0	0.	0	0.
100	92	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
104	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
108	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
111	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
115	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
118	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
122	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.

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TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
126	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
129	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
133	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
136	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
140	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
144	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
147	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
151	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
154	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
158	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
162	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
165	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
169	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
172	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
176	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
180	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
183	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
187	94	0.	93	0.	93	0.	93	0.	0	0.	0	0.
190	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
194	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
198	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.
201	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
205	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
208	96	0.	96	0.	95	0.	95	0.	0	0.	0	0.
212	96	0.	96	0.	96	0.	95	0.	0	0.	0	0.
216	96	0.	96	0.	96	0.	96	0.	0	0.	0	0.
219	97	0.	96	0.	96	0.	96	0.	0	0.	0	0.
223	97	0.	97	0.	96	0.	96	0.	0	0.	0	0.
226	97	0.	97	0.	97	0.	96	0.	0	0.	0	0.
230	97	0.	97	0.	97	0.	96	0.	0	0.	0	0.
234	97	0.	97	0.	97	0.	96	0.	0	0.	0	0.
237	97	0.	97	0.	97	0.	96	0.	0	0.	0	0.
241	97	10.00	97	10.00	97	0.	96	0.	0	0.	0	0.
244	97	10.00	97	10.00	96	10.00	96	0.	0	0.	0	0.

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TABLE 8 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
248	97	10.00	96	10.00	96	10.00	96	10.00	0	0.	0	0.
252	97	20.00	96	10.00	96	10.00	95	10.00	0	0.	0	0.
255	96	20.00	95	20.00	95	10.00	94	10.00	0	0.	0	0.
259	95	40.00	94	20.00	93	10.00	93	10.00	0	0.	0	0.
262	92	20.00	92	10.00	92	0.	91	0.	0	0.	0	0.
266	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
270	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
273	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
277	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
280	93	70.00	92	50.00	90	10.00	90	0.	0	0.	0	0.
284	0	100.00	0	100.00	94	70.00	93	50.00	0	0.	0	0.
288	0	100.00	0	100.00	0	100.00	95	80.00	0	0.	0	0.
291	0	100.00	0	100.00	97	90.00	96	80.00	0	0.	0	0.
295	98	90.00	98	90.00	97	80.00	97	80.00	0	0.	0	0.
298	97	70.00	97	70.00	97	60.00	96	60.00	0	0.	0	0.
302	96	50.00	96	50.00	96	50.00	95	40.00	0	0.	0	0.
305	96	50.00	96	40.00	96	40.00	95	40.00	0	0.	0	0.
309	96	40.00	96	40.00	96	40.00	95	30.00	0	0.	0	0.
313	96	30.00	95	30.00	95	30.00	95	30.00	0	0.	0	0.
316	95	30.00	95	30.00	95	30.00	94	20.00	0	0.	0	0.
320	95	20.00	94	20.00	94	20.00	94	20.00	0	0.	0	0.
324	94	20.00	94	20.00	94	20.00	93	20.00	0	0.	0	0.
327	94	20.00	94	20.00	93	10.00	93	10.00	0	0.	0	0.
331	94	20.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
334	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
338	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
342	94	20.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
345	94	20.00	94	20.00	94	10.00	93	10.00	0	0.	0	0.
349	95	20.00	94	20.00	94	20.00	94	10.00	0	0.	0	0.
352	95	20.00	95	20.00	94	20.00	94	20.00	0	0.	0	0.
356	95	20.00	95	20.00	95	20.00	94	20.00	0	0.	0	0.
360	96	20.00	95	20.00	95	20.00	95	20.00	0	0.	0	0.
AVERAGE SHIELDING		21.70		20.20		17.10		15.50		0.		0.
AVERAGE TARGET CONTACT ANGLE		94		94		94		93		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 55

SHIELDING OF TARGET AT POSITION E

RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	94	20.00	94	10.00	93	10.00	93	10.00	0	0.	0	0.
6	94	20.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
9	94	20.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
12	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
15	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
18	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
21	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
24	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
27	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
30	93	20.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
33	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
36	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
39	93	20.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.
42	93	20.00	93	20.00	93	20.00	92	10.00	0	0.	0	0.
45	93	20.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
48	94	30.00	94	30.00	93	20.00	93	20.00	0	0.	0	0.
51	94	30.00	94	30.00	94	30.00	94	30.00	0	0.	0	0.
54	95	40.00	95	40.00	94	30.00	94	30.00	0	0.	0	0.
57	95	50.00	95	40.00	95	40.00	94	40.00	0	0.	0	0.
60	96	60.00	96	60.00	95	50.00	95	50.00	0	0.	0	0.
63	96	70.00	96	70.00	96	70.00	95	60.00	0	0.	0	0.
66	96	80.00	96	80.00	95	70.00	95	70.00	0	0.	0	0.
69	96	90.00	96	90.00	95	80.00	95	80.00	0	0.	0	0.
72	0	100.00	0	100.00	95	90.00	94	80.00	0	0.	0	0.
75	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
78	0	100.00	0	100.00	93	80.00	92	60.00	0	0.	0	0.
81	91	60.00	90	30.00	89	10.00	89	0.	0	0.	0	0.
84	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
87	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
90	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
93	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
96	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
99	91	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
102	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.

TABLE 6 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
105	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
108	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
111	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
114	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
117	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
120	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
123	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
126	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
129	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
132	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
135	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
138	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
141	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
144	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
147	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
150	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
153	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
156	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
159	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
162	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
165	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
168	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
171	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
174	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
177	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
180	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
183	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
186	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
189	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
192	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
195	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
198	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
201	94	0.	93	0.	93	0.	93	0.	0	0.	0	0.
204	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.

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TABLE 55 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
207	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
210	95	0.	94	0.	94	0.	94	0.	0	0.	0	0.
213	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.
216	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
219	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
222	96	0.	96	0.	95	0.	95	0.	0	0.	0	0.
225	96	0.	96	0.	95	0.	95	0.	0	0.	0	0.
228	96	0.	96	0.	96	0.	95	0.	0	0.	0	0.
231	96	0.	96	0.	96	0.	95	0.	0	0.	0	0.
234	96	0.	96	0.	96	0.	96	0.	0	0.	0	0.
237	96	0.	96	0.	96	0.	96	0.	0	0.	0	0.
240	96	0.	96	0.	96	0.	96	0.	0	0.	0	0.
243	96	0.	96	0.	96	0.	95	0.	0	0.	0	0.
246	96	10.00	96	0.	96	0.	95	0.	0	0.	0	0.
249	96	10.00	96	10.00	95	10.00	95	0.	0	0.	0	0.
252	96	10.00	96	10.00	95	10.00	95	10.00	0	0.	0	0.
255	96	20.00	96	20.00	95	10.00	95	10.00	0	0.	0	0.
258	96	60.00	95	40.00	94	20.00	94	10.00	0	0.	0	0.
261	94	30.00	93	20.00	93	10.00	93	10.00	0	0.	0	0.
264	92	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
267	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
270	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
273	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
276	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
279	92	60.00	92	40.00	91	20.00	90	0.	0	0.	0	0.
282	0	100.00	0	100.00	94	80.00	93	70.00	0	0.	0	0.
285	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
288	0	100.00	0	100.00	0	100.00	96	90.00	0	0.	0	0.
291	97	90.00	97	90.00	96	80.00	96	70.00	0	0.	0	0.
294	96	70.00	96	70.00	95	60.00	95	60.00	0	0.	0	0.
297	95	50.00	95	50.00	95	50.00	94	40.00	0	0.	0	0.
300	95	40.00	94	40.00	94	40.00	94	30.00	0	0.	0	0.
303	94	30.00	94	30.00	94	30.00	94	30.00	0	0.	0	0.
306	94	30.00	94	30.00	93	20.00	93	20.00	0	0.	0	0.

TABLE ~~X~~ 55 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
309	94	20.00	93	20.00	93	20.00	93	20.00	0	0.	0	0.
312	93	20.00	93	20.00	93	20.00	92	10.00	0	0.	0	0.
315	93	20.00	93	20.00	93	10.00	92	10.00	0	0.	0	0.
318	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
321	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
324	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
327	92	10.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
330	92	10.00	92	10.00	92	10.00	91	0.	0	0.	0	0.
333	92	10.00	92	10.00	92	10.00	91	0.	0	0.	0	0.
336	92	10.00	92	10.00	92	10.00	92	0.	0	0.	0	0.
339	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
342	93	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
345	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
348	93	10.00	93	10.00	93	10.00	92	10.00	0	0.	0	0.
351	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
354	93	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
357	94	20.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
360	94	20.00	94	20.00	93	10.00	93	10.00	0	0.	0	0.
AVERAGE SHIELDING		17.67		16.33		14.00		12.42		0.		0.
AVERAGE TARGET CONTACT ANGLE		93		93		92		92		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 55

SHIELDING OF TARGET AT POSITION E

RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
5	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
7	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
10	92	10.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
12	92	10.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
15	92	10.00	92	10.00	91	10.00	91	10.00	0	0.	0	0.
18	92	10.00	92	10.00	91	10.00	91	10.00	0	0.	0	0.
20	92	10.00	92	10.00	91	10.00	91	10.00	0	0.	0	0.
23	92	10.00	92	10.00	91	10.00	91	0.	0	0.	0	0.
25	92	10.00	92	10.00	91	10.00	91	0.	0	0.	0	0.
28	92	10.00	92	10.00	91	10.00	91	10.00	0	0.	0	0.
30	92	10.00	92	10.00	91	10.00	91	10.00	0	0.	0	0.
33	92	10.00	92	10.00	91	10.00	91	10.00	0	0.	0	0.
36	92	10.00	92	10.00	91	10.00	91	10.00	0	0.	0	0.
38	92	10.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
41	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
43	93	20.00	92	20.00	92	10.00	92	10.00	0	0.	0	0.
46	93	20.00	93	20.00	92	20.00	92	10.00	0	0.	0	0.
48	93	20.00	93	20.00	92	20.00	92	20.00	0	0.	0	0.
51	93	20.00	93	20.00	93	20.00	92	20.00	0	0.	0	0.
54	93	30.00	93	30.00	93	20.00	93	20.00	0	0.	0	0.
56	94	30.00	93	30.00	93	30.00	93	30.00	0	0.	0	0.
59	94	40.00	94	40.00	94	40.00	93	30.00	0	0.	0	0.
61	94	50.00	94	40.00	94	40.00	93	40.00	0	0.	0	0.
64	95	60.00	95	60.00	94	50.00	94	50.00	0	0.	0	0.
66	95	70.00	95	70.00	95	70.00	94	60.00	0	0.	0	0.
69	95	80.00	95	80.00	95	70.00	94	70.00	0	0.	0	0.
72	95	90.00	95	90.00	94	80.00	94	70.00	0	0.	0	0.
74	0	100.00	0	100.00	94	90.00	94	80.00	0	0.	0	0.
77	0	100.00	0	100.00	0	100.00	93	90.00	0	0.	0	0.
79	0	100.00	0	100.00	92	90.00	91	60.00	0	0.	0	0.
82	92	90.00	91	60.00	90	20.00	89	0.	0	0.	0	0.
84	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
87	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.

TABLE 55 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
90	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
92	89	10.00	89	0.	89	0.	89	0.	0	0.	0	0.
95	90	10.00	90	10.00	90	0.	90	0.	0	0.	0	0.
97	91	10.00	91	10.00	91	0.	90	0.	0	0.	0	0.
100	91	20.00	91	0.	91	0.	91	0.	0	0.	0	0.
102	91	20.00	91	0.	91	0.	90	0.	0	0.	0	0.
105	91	30.00	91	0.	90	0.	90	0.	0	0.	0	0.
108	91	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
110	91	20.00	90	0.	90	0.	90	0.	0	0.	0	0.
113	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
115	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
118	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
120	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
123	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
126	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
128	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
131	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
133	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
136	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
138	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
141	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
144	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
146	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
149	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
151	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
154	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
156	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
159	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
162	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
164	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
167	90	0.	89	0.	89	0.	89	0.	0	0.	0	0.
169	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
172	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
174	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.

TABLE 55 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
177	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
180	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
182	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
185	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
187	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
190	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
192	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
195	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
198	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
200	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
203	93	0.	93	0.	93	0.	92	0.	0	0.	0	0.
205	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
208	94	0.	93	0.	93	0.	93	0.	0	0.	0	0.
210	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
213	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
216	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
218	95	0.	94	0.	94	0.	94	0.	0	0.	0	0.
221	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
223	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
226	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
228	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
231	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
234	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
236	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
239	96	0.	95	0.	95	0.	95	0.	0	0.	0	0.
241	96	0.	95	0.	95	0.	95	0.	0	0.	0	0.
244	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
246	95	0.	95	0.	95	0.	95	0.	0	0.	0	0.
249	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
252	95	10.00	95	10.00	94	10.00	94	0.	0	0.	0	0.
254	95	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
257	94	10.00	94	10.00	94	10.00	94	10.00	0	0.	0	0.
259	94	30.00	94	20.00	93	10.00	93	10.00	0	0.	0	0.
262	93	30.00	93	20.00	92	10.00	92	10.00	0	0.	0	0.

TABLE 55 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
264	92	20.00	91	10.00	91	0.	91	0.	0	0.	0	0.
267	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
270	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
272	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
275	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
277	93	80.00	92	50.00	91	20.00	90	10.00	0	0.	0	0.
280	0	100.00	0	100.00	93	90.00	93	70.00	0	0.	0	0.
282	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
285	0	100.00	0	100.00	95	90.00	95	80.00	0	0.	0	0.
288	95	80.00	95	80.00	95	70.00	95	70.00	0	0.	0	0.
290	95	60.00	95	60.00	94	60.00	94	50.00	0	0.	0	0.
293	94	40.00	94	40.00	94	40.00	93	30.00	0	0.	0	0.
295	93	30.00	93	30.00	93	30.00	93	30.00	0	0.	0	0.
298	93	20.00	93	20.00	92	20.00	92	20.00	0	0.	0	0.
300	92	20.00	92	20.00	92	20.00	92	10.00	0	0.	0	0.
303	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
306	92	10.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
308	92	10.00	92	10.00	91	10.00	91	10.00	0	0.	0	0.
311	91	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
313	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
316	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
318	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
321	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
324	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
326	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
329	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
331	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
334	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
336	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
339	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
342	92	10.00	92	10.00	91	0.	91	0.	0	0.	0	0.
344	92	10.00	92	10.00	92	10.00	91	0.	0	0.	0	0.
347	92	10.00	92	10.00	92	10.00	91	0.	0	0.	0	0.
349	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.

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TABLE 7 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
352	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
354	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
357	93	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
360	93	10.00	93	10.00	92	10.00	92	10.00	0	0.	0	0.
AVERAGE SHIELDING		14.86		13.29		11.57		9.93		0.		0.
AVERAGE TARGET CONTACT ANGLE		92		92		92		91		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 5
SHIELDING OF TARGET AT POSITION E
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	91	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
4	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
6	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
9	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
11	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
13	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
15	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
18	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
20	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
22	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
24	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
27	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
29	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
31	91	10.00	91	0.	91	0.	90	0.	0	0.	0	0.
33	91	10.00	91	10.00	91	10.00	91	0.	0	0.	0	0.
36	91	10.00	91	10.00	91	10.00	91	10.00	0	0.	0	0.
38	92	10.00	92	10.00	91	10.00	91	10.00	0	0.	0	0.
40	92	10.00	92	10.00	92	10.00	91	10.00	0	0.	0	0.
42	92	10.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
45	92	20.00	92	10.00	92	10.00	92	10.00	0	0.	0	0.
47	92	20.00	92	20.00	92	20.00	92	10.00	0	0.	0	0.
49	93	20.00	92	20.00	92	20.00	92	20.00	0	0.	0	0.
51	92	20.00	92	20.00	92	20.00	92	20.00	0	0.	0	0.
54	93	20.00	92	20.00	92	20.00	92	20.00	0	0.	0	0.
56	93	30.00	92	20.00	92	20.00	92	20.00	0	0.	0	0.
58	93	30.00	93	30.00	92	20.00	92	20.00	0	0.	0	0.
60	93	30.00	93	30.00	93	30.00	92	30.00	0	0.	0	0.
63	93	40.00	93	40.00	93	30.00	92	30.00	0	0.	0	0.
65	93	50.00	93	40.00	93	40.00	93	40.00	0	0.	0	0.
67	94	60.00	94	50.00	93	50.00	93	50.00	0	0.	0	0.
69	94	70.00	94	70.00	94	60.00	94	60.00	0	0.	0	0.
72	94	80.00	94	70.00	94	70.00	93	60.00	0	0.	0	0.
74	94	90.00	94	80.00	93	70.00	93	70.00	0	0.	0	0.
76	0	100.00	0	100.00	94	90.00	93	80.00	0	0.	0	0.

TABLE 55 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
78	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
81	0	100.00	0	100.00	92	90.00	91	70.00	0	0.	0	0.
83	0	100.00	91	80.00	90	30.00	89	10.00	0	0.	0	0.
85	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
87	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
90	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
92	89	10.00	89	0.	89	0.	89	0.	0	0.	0	0.
94	91	30.00	90	10.00	90	0.	90	0.	0	0.	0	0.
96	92	60.00	91	20.00	91	10.00	90	10.00	0	0.	0	0.
99	93	70.00	92	40.00	91	10.00	91	0.	0	0.	0	0.
101	92	40.00	91	20.00	91	0.	91	0.	0	0.	0	0.
103	92	40.00	91	20.00	91	0.	91	0.	0	0.	0	0.
105	92	50.00	91	30.00	91	0.	90	0.	0	0.	0	0.
108	92	50.00	91	30.00	90	0.	90	0.	0	0.	0	0.
110	91	50.00	91	30.00	90	0.	90	0.	0	0.	0	0.
112	91	40.00	90	20.00	90	0.	90	0.	0	0.	0	0.
114	91	40.00	90	20.00	90	0.	90	0.	0	0.	0	0.
117	91	40.00	90	10.00	90	0.	89	0.	0	0.	0	0.
119	90	40.00	90	0.	89	0.	89	0.	0	0.	0	0.
121	90	20.00	89	0.	89	0.	89	0.	0	0.	0	0.
123	90	20.00	89	0.	89	0.	89	0.	0	0.	0	0.
126	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
128	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
130	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
132	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
135	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
137	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
139	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
141	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
144	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
146	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
148	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
150	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
153	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.

TABLE V (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
155	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
157	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
159	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
162	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
164	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
166	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
168	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
171	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
173	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
175	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
177	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
180	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
182	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
184	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
186	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
189	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
191	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
193	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
195	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
198	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
200	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
202	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
204	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
207	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
209	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
211	93	0.	93	0.	93	0.	93	0.	0	0.	0	0.
213	94	0.	94	0.	93	0.	93	0.	0	0.	0	0.
216	94	0.	94	0.	94	0.	93	0.	0	0.	0	0.
218	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
220	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
222	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
225	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.
227	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.
229	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.

TABLE 55 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
231	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
234	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
236	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
238	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
240	95	0.	95	0.	95	0.	94	0.	0	0.	0	0.
243	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.
245	95	0.	95	0.	94	0.	94	0.	0	0.	0	0.
247	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
249	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
252	94	0.	94	0.	94	0.	94	0.	0	0.	0	0.
254	94	10.00	94	0.	94	0.	93	0.	0	0.	0	0.
256	94	10.00	94	10.00	93	10.00	93	10.00	0	0.	0	0.
258	94	10.00	93	10.00	93	10.00	93	10.00	0	0.	0	0.
261	93	20.00	93	20.00	93	10.00	93	10.00	0	0.	0	0.
263	93	30.00	92	20.00	92	10.00	92	10.00	0	0.	0	0.
265	92	30.00	91	10.00	91	0.	91	0.	0	0.	0	0.
267	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
270	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
272	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
274	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
276	92	90.00	92	60.00	91	30.00	90	10.00	0	0.	0	0.
279	0	100.00	0	100.00	93	80.00	93	70.00	0	0.	0	0.
281	0	100.00	0	100.00	0	100.00	94	90.00	0	0.	0	0.
283	0	100.00	95	90.00	94	90.00	94	80.00	0	0.	0	0.
285	94	70.00	94	70.00	94	60.00	93	50.00	0	0.	0	0.
288	94	50.00	93	50.00	93	40.00	93	40.00	0	0.	0	0.
290	93	40.00	93	40.00	93	30.00	92	30.00	0	0.	0	0.
292	93	30.00	93	30.00	93	30.00	92	20.00	0	0.	0	0.
294	93	30.00	92	20.00	92	20.00	92	20.00	0	0.	0	0.
297	92	20.00	92	20.00	92	20.00	92	10.00	0	0.	0	0.
299	92	10.00	92	10.00	91	10.00	91	10.00	0	0.	0	0.
301	91	10.00	91	10.00	91	10.00	91	10.00	0	0.	0	0.
303	91	10.00	91	10.00	91	10.00	91	0.	0	0.	0	0.
306	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.

TABLE 55 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
308	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
310	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
312	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
315	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
317	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
319	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
321	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
324	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
326	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
328	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
330	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
333	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
335	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
337	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
339	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
342	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
344	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
346	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
348	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
351	91	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
353	91	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
355	91	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
357	92	10.00	91	10.00	91	0.	91	0.	0	0.	0	0.
360	92	10.00	91	10.00	91	10.00	91	0.	0	0.	0	0.
AVERAGE SHIELDING		15.50		12.00		9.00		7.81		0.		0.
AVERAGE TARGET CONTACT ANGLE		91		91		91		91		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 56

SHIELDING OF TARGET AT POSITION A
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
18	89	0.	88	0.	87	0.	86	0.	0	0.	0	0.
36	89	0.	89	0.	87	0.	86	0.	0	0.	0	0.
54	90	0.	89	0.	88	0.	86	0.	0	0.	0	0.
72	89	0.	88	0.	87	0.	85	0.	0	0.	0	0.
90	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
108	89	0.	88	0.	87	0.	85	0.	0	0.	0	0.
126	92	10.00	91	0.	90	0.	88	0.	0	0.	0	0.
144	88	0.	88	0.	86	0.	85	0.	0	0.	0	0.
162	83	0.	82	0.	80	0.	79	0.	0	0.	0	0.
180	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
198	84	0.	83	0.	82	0.	80	0.	0	0.	0	0.
216	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
234	95	0.	94	0.	92	0.	91	0.	0	0.	0	0.
252	93	0.	92	0.	91	0.	89	0.	0	0.	0	0.
270	93	0.	92	0.	91	0.	89	0.	0	0.	0	0.
288	93	0.	92	0.	91	0.	90	0.	0	0.	0	0.
306	94	0.	93	0.	91	0.	90	0.	0	0.	0	0.
324	92	0.	92	0.	90	0.	89	0.	0	0.	0	0.
342	91	0.	90	0.	89	0.	87	0.	0	0.	0	0.
360	90	0.	89	0.	87	0.	86	0.	0	0.	0	0.
AVERAGE SHIELDING		0.50		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		89		88		87		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE NO 6

TABLE 5C (Sh. 1 of 25)

TABLE 56
SHIELDING OF TARGET AT POSITION A
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 8 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
9	82	0.	81	0.	81	0.	80	0.	0	0.	0	0.
18	82	0.	82	0.	81	0.	80	0.	0	0.	0	0.
27	83	0.	82	0.	81	0.	81	0.	0	0.	0	0.
36	83	0.	83	0.	82	0.	81	0.	0	0.	0	0.
45	85	0.	84	0.	84	0.	83	0.	0	0.	0	0.
54	86	0.	86	0.	85	0.	85	0.	0	0.	0	0.
63	88	0.	87	0.	87	0.	86	0.	0	0.	0	0.
72	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
81	88	0.	88	0.	87	0.	86	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
99	88	0.	88	0.	87	0.	86	0.	0	0.	0	0.
108	89	0.	89	0.	88	0.	87	0.	0	0.	0	0.
117	85	0.	84	0.	84	0.	83	0.	0	0.	0	0.
126	81	0.	81	0.	80	0.	79	0.	0	0.	0	0.
135	83	30.00	81	0.	80	0.	79	0.	0	0.	0	0.
144	86	60.00	84	40.00	81	10.00	80	0.	0	0.	0	0.
153	88	70.00	85	50.00	83	30.00	81	10.00	0	0.	0	0.
162	88	70.00	87	60.00	84	40.00	83	30.00	0	0.	0	0.
171	89	70.00	87	60.00	86	50.00	84	40.00	0	0.	0	0.
180	89	70.00	88	60.00	86	50.00	85	40.00	0	0.	0	0.
189	90	70.00	88	60.00	87	50.00	85	40.00	0	0.	0	0.
198	90	70.00	89	60.00	87	40.00	85	30.00	0	0.	0	0.
207	91	70.00	89	60.00	87	40.00	85	20.00	0	0.	0	0.
216	91	70.00	89	50.00	86	30.00	84	10.00	0	0.	0	0.
225	89	50.00	86	20.00	85	0.	84	0.	0	0.	0	0.
234	86	0.	86	0.	85	0.	84	0.	0	0.	0	0.
243	89	0.	88	0.	88	0.	87	0.	0	0.	0	0.
252	93	0.	92	0.	92	0.	91	0.	0	0.	0	0.
261	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
270	92	0.	92	0.	91	0.	90	0.	0	0.	0	0.
279	93	0.	92	0.	91	0.	91	0.	0	0.	0	0.
288	93	0.	93	0.	92	0.	91	0.	0	0.	0	0.
297	92	0.	92	0.	91	0.	90	0.	0	0.	0	0.
306	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.

TABLE 56 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
315	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
324	86	0.	86	0.	85	0.	85	0.	0	0.	0	0.
333	86	0.	85	0.	84	0.	84	0.	0	0.	0	0.
342	84	0.	84	0.	83	0.	82	0.	0	0	0	0.
351	83	0.	83	0.	82	0.	81	0.	0	0.	0	0.
360	82	0.	81	0.	81	0.	80	0.	0	0.	0	0.
AVERAGE SHIELDING		17.50		13.00		8.50		5.50		0.		0.
AVERAGE TARGET CONTACT ANGLE		88		87		86		85		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 56

SHIELDING OF TARGET AT POSITION A
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
6	0	100.00	0	100.00	88	80.00	87	60.00	0	0.	0	0.
12	0	100.00	0	100.00	89	90.00	87	70.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	87	70.00	0	0.	0	0.
24	0	100.00	0	100.00	89	90.00	87	70.00	0	0.	0	0.
30	89	90.00	87	70.00	85	40.00	83	10.00	0	0.	0	0.
36	87	60.00	85	40.00	83	10.00	83	0.	0	0.	0	0.
42	86	50.00	85	30.00	83	0.	83	0.	0	0.	0	0.
48	88	80.00	84	20.00	83	0.	83	0.	0	0.	0	0.
54	84	0.	84	0.	83	0.	83	0.	0	0.	0	0.
60	85	0.	85	0.	84	0.	84	0.	0	0.	0	0.
66	86	0.	86	0.	86	0.	85	0.	0	0.	0	0.
72	87	0.	87	0.	87	0.	86	0.	0	0.	0	0.
78	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
84	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
90	88	0.	87	0.	87	0.	86	0.	0	0.	0	0.
96	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
102	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
108	85	0.	85	0.	84	0.	84	0.	0	0.	0	0.
114	83	0.	82	0.	82	0.	82	0.	0	0.	0	0.
120	86	60.00	84	30.00	82	0.	82	0.	0	0.	0	0.
126	88	90.00	86	70.00	84	40.00	83	30.00	0	0.	0	0.
132	0	100.00	87	80.00	86	60.00	85	50.00	0	0.	0	0.
138	89	90.00	88	80.00	87	70.00	85	50.00	0	0.	0	0.
144	89	90.00	88	80.00	87	70.00	86	60.00	0	0.	0	0.
150	89	80.00	88	80.00	87	70.00	86	60.00	0	0.	0	0.
156	89	80.00	88	70.00	87	60.00	87	60.00	0	0.	0	0.
162	89	70.00	88	70.00	87	60.00	86	50.00	0	0.	0	0.
168	89	70.00	88	70.00	87	60.00	86	50.00	0	0.	0	0.
174	89	70.00	89	70.00	88	60.00	87	50.00	0	0.	0	0.
180	89	70.00	88	60.00	88	60.00	87	50.00	0	0.	0	0.
186	90	70.00	89	60.00	88	60.00	87	50.00	0	0.	0	0.
192	90	70.00	89	60.00	89	60.00	88	50.00	0	0.	0	0.
198	90	70.00	90	70.00	89	60.00	88	50.00	0	0.	0	0.
204	91	70.00	91	70.00	89	60.00	88	50.00	0	0.	0	0.

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TABLE 5c (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
210	92	80.00	91	70.00	90	60.00	89	60.00	0	0.	0	0.
216	92	80.00	91	70.00	91	70.00	90	60.00	0	0.	0	0.
222	93	80.00	92	70.00	91	60.00	90	60.00	0	0.	0	0.
228	93	80.00	92	70.00	91	60.00	90	50.00	0	0.	0	0.
234	93	80.00	92	70.00	90	50.00	89	40.00	0	0.	0	0.
240	92	70.00	91	50.00	89	30.00	87	0.	0	0.	0	0.
246	88	0.	88	0.	88	0.	87	0.	0	0.	0	0.
252	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
258	93	0.	92	0.	92	0.	91	0.	0	0.	0	0.
264	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
270	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
276	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
282	93	0.	92	0.	92	0.	91	0.	0	0.	0	0.
288	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
294	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
300	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
306	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
312	92	60.00	89	30.00	88	0.	87	0.	0	0.	0	0.
318	92	80.00	90	40.00	88	10.00	87	0.	0	0.	0	0.
324	93	90.00	91	70.00	88	30.00	87	0.	0	0.	0	0.
330	0	100.00	91	80.00	89	50.00	86	10.00	0	0.	0	0.
336	0	100.00	91	90.00	89	60.00	88	40.00	0	0.	0	0.
342	0	100.00	91	90.00	89	70.00	87	40.00	0	0.	0	0.
348	0	100.00	0	100.00	89	80.00	88	60.00	0	0.	0	0.
354	0	100.00	0	100.00	89	80.00	87	60.00	0	0.	0	0.
360	0	100.00	89	90.00	88	80.00	87	60.00	0	0.	0	0.
AVERAGE SHIELDING		52.17		44.50		34.17		25.50		0.		0.
AVERAGE TARGET CONTACT ANGLE		89		89		88		87		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 5
SHIELDING OF TARGET AT POSITION A
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 0 CM
4	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
9	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
13	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
22	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
27	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
31	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
40	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
45	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
49	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
54	0	100.00	0	100.00	0	100.00	88	80.00	0	0.	0	0.
58	0	100.00	89	90.00	87	50.00	86	20.00	0	0.	0	0.
63	0	100.00	88	70.00	86	10.00	85	0.	0	0.	0	0.
67	86	0.	86	0.	85	0.	85	0.	0	0.	0	0.
72	87	0.	86	0.	86	0.	86	0.	0	0.	0	0.
76	87	0.	87	0.	87	0.	86	0.	0	0.	0	0.
81	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
85	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
90	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
94	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
99	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
103	86	0.	85	0.	85	0.	85	0.	0	0.	0	0.
108	84	0.	84	0.	83	0.	83	0.	0	0.	0	0.
112	86	60.00	85	40.00	83	10.00	83	0.	0	0.	0	0.
117	87	80.00	86	60.00	85	50.00	84	30.00	0	0.	0	0.
121	88	90.00	87	80.00	86	60.00	85	50.00	0	0.	0	0.
126	88	90.00	88	90.00	87	70.00	86	60.00	0	0.	0	0.
130	88	90.00	88	80.00	87	70.00	86	60.00	0	0.	0	0.
135	89	90.00	88	80.00	87	70.00	87	70.00	0	0.	0	0.
139	89	90.00	88	80.00	87	70.00	87	70.00	0	0.	0	0.
144	88	80.00	88	80.00	87	70.00	87	60.00	0	0.	0	0.
148	89	80.00	88	80.00	88	70.00	87	60.00	0	0.	0	0.
153	89	80.00	88	70.00	88	70.00	87	60.00	0	0.	0	0.

TABLE 5a (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
157	88	70.00	88	70.00	88	70.00	87	60.00	0	0.	0	0.
162	88	70.00	88	70.00	87	60.00	87	60.00	0	0.	0	0.
166	89	70.00	88	70.00	88	60.00	87	60.00	0	0.	0	0.
171	89	70.00	88	60.00	88	60.00	87	60.00	0	0.	0	0.
175	88	60.00	88	60.00	88	60.00	87	50.00	0	0.	0	0.
180	88	60.00	88	60.00	88	60.00	87	50.00	0	0.	0	0.
184	89	60.00	89	60.00	88	50.00	87	50.00	0	0.	0	0.
189	89	60.00	89	60.00	88	60.00	88	50.00	0	0.	0	0.
193	89	60.00	89	60.00	89	60.00	88	50.00	0	0.	0	0.
198	90	60.00	89	60.00	89	60.00	88	50.00	0	0.	0	0.
202	90	70.00	90	60.00	89	60.00	89	50.00	0	0.	0	0.
207	91	70.00	90	60.00	90	60.00	89	60.00	0	0.	0	0.
211	91	70.00	90	60.00	90	60.00	89	50.00	0	0.	0	0.
216	91	70.00	91	70.00	90	60.00	89	50.00	0	0.	0	0.
220	91	70.00	91	70.00	90	60.00	90	60.00	0	0.	0	0.
225	92	70.00	92	70.00	91	60.00	90	60.00	0	0.	0	0.
229	92	80.00	92	70.00	91	60.00	91	60.00	0	0.	0	0.
234	93	80.00	92	80.00	92	70.00	91	60.00	0	0.	0	0.
238	93	80.00	93	80.00	91	60.00	91	50.00	0	0.	0	0.
243	93	80.00	92	70.00	91	50.00	90	30.00	0	0.	0	0.
247	93	80.00	92	60.00	90	20.00	89	0.	0	0.	0	0.
252	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
256	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
261	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
265	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
270	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
274	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
279	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
283	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
288	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
292	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
297	93	50.00	91	10.00	90	0.	90	0.	0	0.	0	0.
301	0	100.00	94	90.00	92	40.00	90	10.00	0	0.	0	0.
306	0	100.00	94	90.00	93	70.00	91	40.00	0	0.	0	0.

TABLE 5b (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
310	0	100.00	0	100.00	0	100.00	93	80.00	0	0.	0	0.
315	0	100.00	0	100.00	0	100.00	93	80.00	0	0.	0	0.
319	0	100.00	0	100.00	0	100.00	93	90.00	0	0.	0	0.
324	0	100.00	0	100.00	0	100.00	92	80.00	0	0.	0	0.
328	0	100.00	0	100.00	92	90.00	91	80.00	0	0.	0	0.
333	0	100.00	0	100.00	92	90.00	91	80.00	0	0.	0	0.
337	0	100.00	0	100.00	0	100.00	91	90.00	0	0.	0	0.
342	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
346	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
351	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
355	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
360	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
AVERAGE SHIELDING		64.25		60.87		54.75		49.00		0.		0.
AVERAGE TARGET CONTACT ANGLE		89		89		89		88		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 56

SHIELDING OF TARGET AT POSITION A
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
7	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
10	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
14	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
21	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
25	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
28	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
32	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
39	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
43	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
46	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
50	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
54	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
57	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
61	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
64	0	100.00	0	100.00	0	100.00	89	80.00	0	0.	0	0.
68	0	100.00	0	100.00	0	100.00	89	70.00	0	0.	0	0.
72	88	40.00	86	10.00	86	0.	86	0.	0	0.	0	0.
75	87	0.	87	0.	87	0.	86	0.	0	0.	0	0.
79	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
82	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
86	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
90	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
93	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
97	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
100	86	0.	86	0.	85	0.	85	0.	0	0.	0	0.
104	84	0.	84	0.	84	0.	84	0.	0	0.	0	0.
108	86	60.00	85	40.00	84	20.00	84	0.	0	0.	0	0.
111	87	80.00	86	70.00	86	50.00	85	40.00	0	0.	0	0.
115	87	90.00	87	80.00	86	60.00	85	50.00	0	0.	0	0.
118	88	90.00	87	80.00	87	70.00	86	60.00	0	0.	0	0.
122	88	90.00	88	90.00	87	80.00	87	70.00	0	0.	0	0.

TABLE 5B (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGEY CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
126	0	100.00	88	90.00	87	80.00	87	80.00	0	0.	0	0.
129	0	100.00	88	90.00	88	80.00	87	80.00	0	0.	0	0.
133	89	90.00	88	90.00	88	80.00	88	80.00	0	0.	0	0.
136	89	90.00	89	90.00	88	80.00	88	80.00	0	0.	0	0.
140	89	90.00	88	80.00	88	80.00	87	70.00	0	0.	0	0.
144	89	90.00	88	80.00	88	80.00	87	70.00	0	0.	0	0.
147	89	80.00	88	80.00	88	70.00	88	70.00	0	0.	0	0.
151	89	80.00	89	80.00	88	70.00	88	70.00	0	0.	0	0.
154	89	80.00	88	70.00	88	70.00	88	70.00	0	0.	0	0.
158	89	70.00	88	70.00	88	70.00	87	60.00	0	0.	0	0.
162	89	70.00	88	70.00	88	70.00	87	60.00	0	0.	0	0.
165	89	70.00	88	70.00	88	70.00	88	60.00	0	0.	0	0.
169	89	70.00	88	60.00	88	60.00	88	60.00	0	0.	0	0.
172	89	70.00	88	60.00	88	60.00	88	60.00	0	0.	0	0.
176	88	60.00	88	60.00	88	60.00	87	50.00	0	0.	0	0.
180	88	60.00	88	60.00	88	60.00	88	60.00	0	0.	0	0.
183	89	60.00	88	60.00	88	50.00	87	50.00	0	0.	0	0.
187	89	60.00	88	60.00	88	50.00	88	50.00	0	0.	0	0.
190	89	60.00	89	60.00	88	60.00	88	50.00	0	0.	0	0.
194	89	60.00	89	60.00	88	50.00	88	50.00	0	0.	0	0.
198	89	60.00	89	60.00	88	50.00	88	50.00	0	0.	0	0.
201	89	60.00	89	60.00	89	50.00	88	50.00	0	0.	0	0.
205	90	60.00	90	60.00	89	60.00	89	50.00	0	0.	0	0.
208	90	60.00	90	60.00	90	60.00	89	50.00	0	0.	0	0.
212	90	60.00	90	60.00	90	60.00	89	50.00	0	0.	0	0.
216	90	60.00	90	60.00	90	60.00	89	50.00	0	0.	0	0.
219	91	70.00	91	60.00	90	60.00	90	60.00	0	0.	0	0.
223	91	60.00	91	60.00	90	60.00	90	50.00	0	0.	0	0.
226	91	70.00	91	60.00	91	60.00	90	50.00	0	0.	0	0.
230	92	70.00	91	60.00	91	60.00	90	50.00	0	0.	0	0.
234	92	70.00	92	70.00	91	60.00	91	60.00	0	0.	0	0.
237	92	70.00	92	70.00	91	60.00	91	60.00	0	0.	0	0.
241	93	80.00	92	70.00	91	60.00	91	50.00	0	0.	0	0.
244	92	70.00	92	70.00	91	50.00	91	40.00	0	0.	0	0.

TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
248	92	70.00	92	60.00	91	40.00	90	30.00	0	0.	0	0.
252	92	60.00	91	50.00	90	20.00	89	0.	0	0.	0	0.
255	91	50.00	90	20.00	90	0.	89	0.	0	0.	0	0.
259	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
262	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
266	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
270	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
273	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
277	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
280	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
284	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
288	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
291	92	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
295	0	100.00	94	80.00	93	60.00	92	30.00	0	0.	0	0.
298	0	100.00	0	100.00	0	100.00	94	80.00	0	0.	0	0.
302	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
309	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
313	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
316	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
320	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
324	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
327	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
331	0	100.00	0	100.00	92	90.00	91	80.00	0	0.	0	0.
334	92	90.00	92	90.00	91	80.00	90	70.00	0	0.	0	0.
338	91	90.00	91	90.00	91	80.00	90	80.00	0	0.	0	0.
342	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
345	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
349	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
352	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
356	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
360	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
AVERAGE SHIELDING		68.50		65.80		62.10		58.40		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		89		89		89		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 4

SHIELDING OF TARGET AT POSITION A
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
6	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
9	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
12	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
15	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
21	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
24	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
27	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
30	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
33	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
39	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
42	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
45	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
48	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
51	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
54	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
57	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
60	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
63	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
66	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
69	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
72	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
75	88	40.00	87	10.00	87	0.	87	0.	0	0.	0	0.
78	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
81	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
84	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
87	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
90	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
93	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
96	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
99	86	0.	86	0.	85	0.	85	0.	0	0.	0	0.
102	85	0.	85	0.	84	0.	84	0.	0	0.	0	0.

Sh. 120125

TABLE 56 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
105	86	60.00	86	40.00	84	10.00	84	0.	0	0.	0	0.
108	87	90.00	87	70.00	86	50.00	85	40.00	0	0.	0	0.
111	0	100.00	87	90.00	87	70.00	86	60.00	0	0.	0	0.
114	0	100.00	0	100.00	87	80.00	87	70.00	0	0.	0	0.
117	0	100.00	0	100.00	88	90.00	87	80.00	0	0.	0	0.
120	0	100.00	0	100.00	88	90.00	87	80.00	0	0.	0	0.
123	0	100.00	0	100.00	88	90.00	88	90.00	0	0.	0	0.
126	0	100.00	0	100.00	88	90.00	88	90.00	0	0.	0	0.
129	0	100.00	0	100.00	88	90.00	88	90.00	0	0.	0	0.
132	0	100.00	0	100.00	88	90.00	88	90.00	0	0.	0	0.
135	0	100.00	89	90.00	89	90.00	88	80.00	0	0.	0	0.
138	0	100.00	0	100.00	89	90.00	88	80.00	0	0.	0	0.
141	0	100.00	0	100.00	89	90.00	88	80.00	0	0.	0	0.
144	0	100.00	0	100.00	89	90.00	88	80.00	0	0.	0	0.
147	0	100.00	0	100.00	89	80.00	89	80.00	0	0.	0	0.
150	0	100.00	0	100.00	89	80.00	89	80.00	0	0.	0	0.
153	0	100.00	0	100.00	89	80.00	89	80.00	0	0.	0	0.
156	0	100.00	0	100.00	89	80.00	88	70.00	0	0.	0	0.
159	0	100.00	0	100.00	89	80.00	88	70.00	0	0.	0	0.
162	0	100.00	0	100.00	89	80.00	88	70.00	0	0.	0	0.
165	0	100.00	0	100.00	89	70.00	88	70.00	0	0.	0	0.
168	0	100.00	0	100.00	89	70.00	88	70.00	0	0.	0	0.
171	0	100.00	89	90.00	89	70.00	88	60.00	0	0.	0	0.
174	0	100.00	89	70.00	88	60.00	88	60.00	0	0.	0	0.
177	89	90.00	88	60.00	88	60.00	88	60.00	0	0.	0	0.
180	89	70.00	88	60.00	88	60.00	88	60.00	0	0.	0	0.
183	89	60.00	88	60.00	88	60.00	88	50.00	0	0.	0	0.
186	89	60.00	88	60.00	88	50.00	88	50.00	0	0.	0	0.
189	89	60.00	89	60.00	88	60.00	88	50.00	0	0.	0	0.
192	89	60.00	89	60.00	88	50.00	88	50.00	0	0.	0	0.
195	89	60.00	88	50.00	88	50.00	88	50.00	0	0.	0	0.
198	89	50.00	88	50.00	88	50.00	88	50.00	0	0.	0	0.
201	89	50.00	89	50.00	88	50.00	88	50.00	0	0.	0	0.
204	89	60.00	89	50.00	88	50.00	88	50.00	0	0.	0	0.

TABLE-3B (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
207	89	60.00	89	50.00	89	50.00	88	50.00	0	0.	0	0.
210	89	60.00	89	50.00	89	50.00	89	50.00	0	0.	0	0.
213	90	60.00	89	50.00	89	50.00	89	50.00	0	0.	0	0.
216	90	60.00	90	50.00	89	50.00	89	50.00	0	0	0	0.
219	90	60.00	90	60.00	90	50.00	89	50.00	0	0.	0	0.
222	91	60.00	90	60.00	90	50.00	90	50.00	0	0.	0	0.
225	91	60.00	91	60.00	90	50.00	90	50.00	0	0.	0	0.
228	91	60.00	91	60.00	91	60.00	90	50.00	0	0.	0	0.
231	91	60.00	91	60.00	91	60.00	90	50.00	0	0.	0	0.
234	91	60.00	91	60.00	91	60.00	90	50.00	0	0.	0	0.
237	91	60.00	91	60.00	91	60.00	91	50.00	0	0.	0	0.
240	92	60.00	91	60.00	91	50.00	91	50.00	0	0.	0	0.
243	92	60.00	92	60.00	91	50.00	90	40.00	0	0.	0	0.
246	92	70.00	92	60.00	91	50.00	91	40.00	0	0.	0	0.
249	92	60.00	92	60.00	91	50.00	91	40.00	0	0.	0	0.
252	92	60.00	91	50.00	91	40.00	90	20.00	0	0.	0	0.
255	91	50.00	91	40.00	90	20.00	90	10.00	0	0.	0	0.
258	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
261	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
264	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
267	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
270	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
273	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
276	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
279	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
282	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
285	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
288	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
291	0	100.00	0	100.00	93	40.00	92	10.00	0	0.	0	0.
294	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
297	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
300	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
303	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE 56 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
309	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
312	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
315	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
318	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
321	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
324	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
327	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
330	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
333	0	100.00	0	100.00	0	100.00	92	90.00	0	0,	0	0,
336	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
339	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
342	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
345	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
348	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
351	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
354	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
357	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
360	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
AVERAGE SHIELDING		73.58		71.42		66.58		64.08		0,		0,
AVERAGE TARGET CONTACT ANGLE		90		89		89		89		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE-3 56

SHIELDING OF TARGET AT POSITION A
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
5	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
7	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
10	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
12	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
15	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
20	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
23	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
25	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
28	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
30	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
33	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
38	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
41	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
43	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
46	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
48	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
51	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
54	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
56	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
59	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
61	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
64	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
66	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
69	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
72	0	100.00	0	100.00	90	90.00	89	70.00	0	0.	0	0.
74	0	100.00	0	100.00	89	60.00	88	40.00	0	0.	0	0.
77	88	20.00	87	10.00	87	0.	87	0.	0	0.	0	0.
79	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
82	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
84	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
87	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.

TABLE IV (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 8 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
90	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
92	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
95	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
97	86	0.	86	0.	86	0.	85	0.	0	0.	0	0.
100	86	40.00	85	10.00	85	0.	85	0.	0	0.	0	0.
102	0	100.00	87	80.00	86	50.00	85	20.00	0	0.	0	0.
105	0	100.00	0	100.00	87	70.00	86	50.00	0	0.	0	0.
108	0	100.00	0	100.00	87	80.00	87	70.00	0	0.	0	0.
110	0	100.00	0	100.00	87	90.00	87	80.00	0	0.	0	0.
113	0	100.00	0	100.00	0	100.00	87	90.00	0	0.	0	0.
115	0	100.00	0	100.00	0	100.00	88	90.00	0	0.	0	0.
118	0	100.00	0	100.00	0	100.00	88	90.00	0	0.	0	0.
120	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
123	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
126	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
128	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
131	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
133	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
136	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
138	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
141	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
144	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
146	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
149	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
151	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
154	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
156	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
159	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
162	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
164	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
167	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
169	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
172	0	100.00	0	100.00	0	100.00	90	90.00	0	0.	0	0.
174	0	100.00	0	100.00	0	100.00	89	70.00	0	0.	0	0.

TABLE 56 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
177	0	100.00	0	100.00	89	90.00	89	60.00	0	0.	0	0.
180	0	100.00	0	100.00	89	70.00	88	60.00	0	0.	0	0.
182	0	100.00	90	90.00	89	60.00	88	60.00	0	0.	0	0.
185	0	100.00	89	80.00	89	60.00	88	60.00	0	0.	0	0.
187	90	90.00	89	60.00	89	60.00	88	60.00	0	0.	0	0.
190	89	80.00	89	60.00	89	60.00	88	60.00	0	0.	0	0.
192	89	60.00	89	60.00	88	50.00	88	50.00	0	0.	0	0.
195	89	60.00	88	50.00	88	50.00	88	50.00	0	0.	0	0.
198	89	60.00	88	50.00	88	50.00	88	50.00	0	0.	0	0.
200	89	50.00	89	50.00	88	50.00	88	50.00	0	0.	0	0.
203	89	50.00	89	50.00	88	50.00	88	50.00	0	0.	0	0.
205	89	50.00	89	50.00	88	50.00	88	50.00	0	0.	0	0.
208	89	50.00	89	50.00	89	50.00	88	50.00	0	0.	0	0.
210	89	50.00	89	50.00	89	50.00	88	50.00	0	0.	0	0.
213	89	50.00	89	50.00	89	50.00	89	50.00	0	0.	0	0.
216	89	50.00	89	50.00	89	50.00	89	50.00	0	0.	0	0.
218	90	50.00	89	50.00	89	50.00	89	50.00	0	0.	0	0.
221	90	60.00	90	50.00	89	50.00	89	50.00	0	0.	0	0.
223	90	50.00	90	50.00	90	50.00	89	50.00	0	0.	0	0.
226	90	60.00	90	50.00	90	50.00	90	50.00	0	0.	0	0.
228	91	60.00	90	50.00	90	50.00	90	50.00	0	0.	0	0.
231	91	60.00	91	60.00	90	50.00	90	50.00	0	0.	0	0.
234	91	60.00	91	60.00	90	50.00	90	50.00	0	0.	0	0.
236	91	60.00	91	60.00	91	50.00	90	50.00	0	0.	0	0.
239	91	60.00	91	60.00	91	50.00	91	50.00	0	0.	0	0.
241	91	60.00	91	60.00	91	50.00	91	50.00	0	0.	0	0.
244	92	60.00	91	60.00	91	50.00	91	50.00	0	0.	0	0.
246	92	60.00	91	50.00	91	50.00	91	40.00	0	0.	0	0.
249	92	60.00	92	60.00	91	50.00	91	40.00	0	0.	0	0.
252	92	60.00	91	50.00	91	40.00	91	30.00	0	0.	0	0.
254	92	60.00	91	50.00	91	40.00	90	20.00	0	0.	0	0.
257	92	50.00	91	30.00	90	0.	90	0.	0	0.	0	0.
259	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
262	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.

TABLE 56 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 8 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
264	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
267	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
270	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
272	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
275	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
277	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
280	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
282	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
285	92	10.00	92	0.	91	0.	91	0.	0	0.	0	0.
288	94	80.00	92	30.00	92	0.	91	0.	0	0.	0	0.
290	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
293	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
295	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
298	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
300	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
303	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
308	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
311	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
313	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
316	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
318	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
321	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
324	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
326	0	100.00	93	90.00	92	90.00	92	80.00	0	0.	0	0.
329	92	90.00	92	90.00	92	90.00	92	80.00	0	0.	0	0.
331	92	90.00	92	90.00	92	90.00	91	80.00	0	0.	0	0.
334	0	100.00	0	100.00	92	90.00	92	90.00	0	0.	0	0.
336	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
339	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
342	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
344	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
347	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
349	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE V (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
352	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
354	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
357	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
360	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
AVERAGE SHIELDING		76.86		74.64		71.64		69.50		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		89		89		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 5-12

SHIELDING OF TARGET AT POSITION A
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 15 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
4	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
6	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
9	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
11	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
13	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
15	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
20	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
22	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
24	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
27	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
29	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
31	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
33	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
38	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
40	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
42	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
45	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
47	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
49	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
51	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
54	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
56	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
58	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
60	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
63	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
65	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
67	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
69	0	100.00	0	100.00	0	100.00	90	90.00	0	0.	0	0.
72	89	80.00	89	80.00	89	60.00	88	50.00	0	0.	0	0.
74	89	60.00	88	50.00	88	40.00	87	20.00	0	0.	0	0.
76	88	30.00	88	20.00	87	10.00	87	0.	0	0.	0	0.

TABLE 52 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
78	88	10.00	87	0.	87	0.	87	0.	0	0.	0	0.
81	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
83	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
85	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
87	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
90	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
92	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
94	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
96	86	0.	86	0.	86	0.	86	0.	0	0.	0	0.
99	87	60.00	86	40.00	85	10.00	85	0.	0	0.	0	0.
101	0	100.00	0	100.00	87	80.00	86	50.00	0	0.	0	0.
103	0	100.00	0	100.00	0	100.00	87	80.00	0	0.	0	0.
105	0	100.00	0	100.00	0	100.00	87	90.00	0	0.	0	0.
108	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
110	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
112	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
114	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
117	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
119	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
121	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
123	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
126	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
128	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
130	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
132	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
135	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
137	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
139	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
141	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
144	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
146	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
148	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
150	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
153	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE 56 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
155	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
157	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
159	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
162	0	100.00	0	100.00	0	100.00	0	100.00	0	0	0	0.
164	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
166	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
168	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
171	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
173	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
175	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
177	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
180	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
182	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
184	0	100.00	0	100.00	0	100.00	90	90.00	0	0.	0	0.
186	0	100.00	0	100.00	0	100.00	89	80.00	0	0.	0	0.
189	0	100.00	0	100.00	0	100.00	89	70.00	0	0.	0	0.
191	0	100.00	0	100.00	89	80.00	89	60.00	0	0.	0	0.
193	0	100.00	0	100.00	89	70.00	89	60.00	0	0.	0	0.
195	0	100.00	90	90.00	89	60.00	88	50.00	0	0.	0	0.
198	0	100.00	89	80.00	89	50.00	88	50.00	0	0.	0	0.
200	89	80.00	89	60.00	89	50.00	88	50.00	0	0.	0	0.
202	89	60.00	89	50.00	89	50.00	88	50.00	0	0.	0	0.
204	89	50.00	89	50.00	89	50.00	88	50.00	0	0.	0	0.
207	89	50.00	89	50.00	89	50.00	88	50.00	0	0.	0	0.
209	89	50.00	89	50.00	89	50.00	88	50.00	0	0.	0	0.
211	89	50.00	89	50.00	89	50.00	88	50.00	0	0.	0	0.
213	89	50.00	89	50.00	89	50.00	89	50.00	0	0.	0	0.
216	89	50.00	89	50.00	89	50.00	88	40.00	0	0.	0	0.
218	89	50.00	89	50.00	89	50.00	89	40.00	0	0.	0	0.
220	89	50.00	89	50.00	89	50.00	89	50.00	0	0.	0	0.
222	90	50.00	89	50.00	89	50.00	89	40.00	0	0.	0	0.
225	90	50.00	90	50.00	89	50.00	89	40.00	0	0.	0	0.
227	90	50.00	90	50.00	90	50.00	89	50.00	0	0.	0	0.
229	90	50.00	90	50.00	90	50.00	90	50.00	0	0.	0	0.

TABLE ~~I~~ II (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
231	91	60.00	90	50.00	90	50.00	90	50.00	0	0.	0	0.
234	91	60.00	91	60.00	90	50.00	90	50.00	0	0.	0	0.
236	91	60.00	91	50.00	91	50.00	90	50.00	0	0.	0	0.
238	91	60.00	91	50.00	91	50.00	90	50.00	0	0.	0	0.
240	91	50.00	91	50.00	91	50.00	91	50.00	0	0.	0	0.
243	91	60.00	91	50.00	91	50.00	91	40.00	0	0.	0	0.
245	92	60.00	91	50.00	91	50.00	91	40.00	0	0.	0	0.
247	92	60.00	91	50.00	91	50.00	91	40.00	0	0.	0	0.
249	92	60.00	91	50.00	91	50.00	91	40.00	0	0.	0	0.
252	92	60.00	92	50.00	91	50.00	91	40.00	0	0.	0	0.
254	92	60.00	92	50.00	91	40.00	91	30.00	0	0.	0	0.
256	92	60.00	92	50.00	91	30.00	91	20.00	0	0.	0	0.
258	92	50.00	91	30.00	90	0.	90	0.	0	0.	0	0.
261	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
263	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
265	92	20.00	92	0.	92	0.	92	0.	0	0.	0	0.
267	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
270	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
272	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
274	92	10.00	92	0.	92	0.	92	0.	0	0.	0	0.
276	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
279	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
281	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
283	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
285	93	60.00	92	20.00	92	0.	92	0.	0	0.	0	0.
288	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
290	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
292	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
294	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
297	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
299	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
301	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
303	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE-3 52 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
308	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
310	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
312	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
315	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
317	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
319	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
321	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
324	93	90.00	92	80.00	92	80.00	92	80.00	0	0.	0	0.
326	91	70.00	91	70.00	91	60.00	91	60.00	0	0.	0	0.
328	90	60.00	90	60.00	90	60.00	90	50.00	0	0.	0	0.
330	90	60.00	90	60.00	89	50.00	89	50.00	0	0.	0	0.
333	90	70.00	90	70.00	90	60.00	90	60.00	0	0.	0	0.
335	91	80.00	91	80.00	91	70.00	90	70.00	0	0.	0	0.
337	0	100.00	0	100.00	0	100.00	91	90.00	0	0.	0	0.
339	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
342	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
344	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
346	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
348	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
351	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
353	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
355	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
357	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
360	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
AVERAGE SHIELDING		77.87		75.94		73.81		71.62		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		90		89		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 57

SHIELDING OF TARGET AT POSITION B
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARSET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 0 CM
18	89	0.	88	0.	87	0.	85	0.	0	0.	0	0.
36	89	0.	88	0.	87	0.	85	0.	0	0.	0	0.
54	90	0.	89	0.	87	0.	86	0.	0	0.	0	0.
72	89	0.	88	0.	87	0.	85	0.	0	0.	0	0.
90	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
108	89	0.	88	0.	86	0.	85	0.	0	0.	0	0.
126	92	10.00	91	0.	89	0.	88	0.	0	0.	0	0.
144	87	0.	87	0.	85	0.	84	0.	0	0.	0	0.
162	82	0.	81	0.	79	0.	78	0.	0	0.	0	0.
180	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
198	83	0.	83	0.	81	0.	80	0.	0	0.	0	0.
216	91	0.	90	0.	89	0.	88	0.	0	0.	0	0.
234	95	10.00	94	0.	93	0.	91	0.	0	0.	0	0.
252	93	0.	92	0.	91	0.	89	0.	0	0.	0	0.
270	93	0.	92	0.	90	0.	89	0.	0	0.	0	0.
288	93	0.	92	0.	91	0.	89	0.	0	0.	0	0.
306	93	0.	92	0.	91	0.	89	0.	0	0.	0	0.
324	92	0.	91	0.	90	0.	88	0.	0	0.	0	0.
342	90	0.	90	0.	88	0.	87	0.	0	0.	0	0.
360	89	0.	89	0.	87	0.	86	0.	0	0.	0	0.
AVERAGE SHIELDING		1.00		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		89		88		86		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE NO 6

TABLE 57. (Continued)

TABLE 57
SHIELDING OF TARGET AT POSITION B
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
9	82	0.	82	0.	81	0.	81	0.	0	0.	0	0.
18	82	0.	82	0.	81	0.	81	0.	0	0.	0	0.
27	82	0.	82	0.	81	0.	81	0.	0	0.	0	0.
36	84	0.	83	0.	82	0.	82	0.	0	0.	0	0.
45	85	0.	85	0.	84	0.	83	0.	0	0.	0	0.
54	86	0.	86	0.	85	0.	84	0.	0	0.	0	0.
63	87	0.	87	0.	86	0.	86	0.	0	0.	0	0.
72	88	0.	88	0.	87	0.	86	0.	0	0.	0	0.
81	88	0.	88	0.	87	0.	86	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
99	88	0.	87	0.	87	0.	86	0.	0	0.	0	0.
108	89	0.	88	0.	87	0.	87	0.	0	0.	0	0.
117	84	0.	84	0.	83	0.	83	0.	0	0.	0	0.
126	81	0.	80	0.	80	0.	79	0.	0	0.	0	0.
135	83	40.00	80	0.	80	0.	79	0.	0	0.	0	0.
144	86	70.00	84	50.00	81	20.00	79	0.	0	0.	0	0.
153	89	90.00	87	70.00	84	50.00	82	30.00	0	0.	0	0.
162	89	90.00	87	70.00	85	50.00	83	40.00	0	0.	0	0.
171	90	90.00	88	70.00	86	60.00	85	50.00	0	0.	0	0.
180	90	90.00	88	70.00	87	60.00	85	50.00	0	0.	0	0.
189	91	90.00	89	70.00	87	60.00	86	50.00	0	0.	0	0.
198	90	80.00	89	70.00	87	50.00	85	40.00	0	0.	0	0.
207	90	70.00	89	60.00	86	40.00	84	20.00	0	0.	0	0.
216	90	70.00	88	50.00	85	20.00	83	0.	0	0.	0	0.
225	88	40.00	85	10.00	84	0.	84	0.	0	0.	0	0.
234	86	0.	85	0.	85	0.	84	0.	0	0.	0	0.
243	89	0.	88	0.	88	0.	87	0.	0	0.	0	0.
252	93	0.	92	0.	92	0.	91	0.	0	0.	0	0.
261	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
270	92	0.	92	0.	91	0.	90	0.	0	0.	0	0.
279	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
288	93	0.	92	0.	92	0.	91	0.	0	0.	0	0.
297	92	0.	91	0.	91	0.	90	0.	0	0.	0	0.
306	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.

TABLE 3 (CON.) 57

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
315	88	0.	87	0.	87	0.	86	0.	0	0.	0	0.
324	86	0.	85	0.	84	0.	84	0.	0	0.	0	0.
333	84	0.	83	0.	83	0.	82	0.	0	0.	0	0.
342	83	0.	83	0.	82	0.	81	0.	0	0.	0	0.
351	83	0.	82	0.	82	0.	81	0.	0	0.	0	0.
360	82	0.	82	0.	81	0.	81	0.	0	0.	0	0.
AVERAGE SHIELDING		20.50		14.75		10.25		7.00		0.		0.
AVERAGE TARGET CONTACT ANGLE		87		87		86		85		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 57
SHIELDING OF TARGET AT POSITION B
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
6	0	100.00	0	100.00	0	100.00	88	70.00	0	0.	0	0.
12	0	100.00	0	100.00	0	100.00	89	80.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	87	60.00	0	0.	0	0.
24	0	100.00	0	100.00	0	100.00	87	60.00	0	0.	0	0.
30	0	100.00	0	100.00	89	80.00	86	50.00	0	0.	0	0.
36	0	100.00	0	100.00	88	70.00	87	50.00	0	0.	0	0.
42	0	100.00	90	90.00	87	50.00	85	20.00	0	0.	0	0.
48	89	70.00	87	40.00	85	10.00	84	0.	0	0.	0	0.
54	89	80.00	85	10.00	85	0.	84	0.	0	0.	0	0.
60	85	0.	85	0.	85	0.	84	0.	0	0.	0	0.
66	86	0.	86	0.	85	0.	85	0.	0	0.	0	0.
72	87	0.	87	0.	87	0.	86	0.	0	0.	0	0.
78	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
84	88	0.	87	0.	87	0.	86	0.	0	0.	0	0.
90	88	0.	87	0.	87	0.	86	0.	0	0.	0	0.
96	88	0.	87	0.	87	0.	86	0.	0	0.	0	0.
102	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
108	85	0.	85	0.	84	0.	84	0.	0	0.	0	0.
114	83	0.	82	0.	82	0.	81	0.	0	0.	0	0.
120	86	60.00	84	30.00	82	0.	81	0.	0	0.	0	0.
126	87	80.00	86	70.00	84	50.00	83	30.00	0	0.	0	0.
132	88	90.00	87	80.00	86	70.00	84	50.00	0	0.	0	0.
138	0	100.00	88	90.00	87	80.00	85	60.00	0	0.	0	0.
144	0	100.00	88	90.00	87	80.00	86	70.00	0	0.	0	0.
150	0	100.00	89	90.00	88	80.00	87	70.00	0	0.	0	0.
156	89	90.00	89	90.00	88	80.00	87	70.00	0	0.	0	0.
162	90	90.00	89	90.00	88	80.00	87	70.00	0	0.	0	0.
168	90	90.00	89	80.00	88	70.00	87	70.00	0	0.	0	0.
174	90	90.00	89	80.00	88	70.00	88	70.00	0	0.	0	0.
180	90	80.00	89	80.00	88	70.00	88	70.00	0	0.	0	0.
186	90	80.00	90	80.00	89	70.00	88	60.00	0	0.	0	0.
192	90	80.00	89	70.00	89	70.00	88	60.00	0	0.	0	0.
198	90	80.00	90	70.00	89	70.00	88	60.00	0	0.	0	0.
204	91	80.00	90	70.00	89	70.00	88	60.00	0	0.	0	0.

Sh. 4 of 5

TABLE ~~3~~ 57 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
210	91	80.00	90	70.00	90	70.00	89	60.00	0	0.	0	0.
216	92	80.00	91	80.00	90	70.00	89	60.00	0	0.	0	0.
222	93	90.00	92	80.00	90	60.00	89	50.00	0	0.	0	0.
228	92	80.00	91	70.00	90	60.00	89	50.00	0	0.	0	0.
234	92	80.00	91	70.00	90	50.00	89	40.00	0	0.	0	0.
240	92	70.00	90	50.00	87	10.00	87	0.	0	0.	0	0.
246	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
252	90	0.	89	0.	89	0.	88	0.	0	0.	0	0.
258	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
264	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
270	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
276	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
282	93	0.	92	0.	92	0.	91	0.	0	0.	0	0.
288	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
294	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
300	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
306	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
312	87	0.	87	0.	87	0.	86	0.	0	0.	0	0.
318	90	70.00	88	30.00	86	0.	86	0.	0	0.	0	0.
324	0	100.00	90	70.00	88	40.00	85	10.00	0	0.	0	0.
330	0	100.00	90	90.00	88	60.00	86	30.00	0	0.	0	0.
336	0	100.00	90	90.00	88	70.00	86	40.00	0	0.	0	0.
342	90	90.00	89	80.00	87	50.00	85	30.00	0	0.	0	0.
348	0	100.00	0	100.00	88	70.00	87	60.00	0	0.	0	0.
354	0	100.00	0	100.00	89	80.00	87	60.00	0	0.	0	0.
360	0	100.00	0	100.00	90	90.00	88	70.00	0	0.	0	0.
AVERAGE SHIELDING		56.33		49.67		40.00		30.33		0.		0.
AVERAGE TARGET CONTACT ANGLE		89		89		88		87		0		0

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 3 57

SHIELDING OF TARGET AT POSITION B
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
4	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
9	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
13	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
22	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
27	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
31	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
40	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
45	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
49	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
54	0	100.00	0	100.00	0	100.00	90	90.00	0	0.	0	0.
58	0	100.00	0	100.00	90	80.00	88	60.00	0	0.	0	0.
63	0	100.00	0	100.00	0	100.00	88	60.00	0	0.	0	0.
67	86	10.00	86	0.	86	0.	86	0.	0	0.	0	0.
72	87	0.	87	0.	86	0.	86	0.	0	0.	0	0.
76	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
81	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
85	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
90	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
94	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
99	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
103	85	0.	85	0.	85	0.	84	0.	0	0.	0	0.
108	84	0.	83	0.	83	0.	83	0.	0	0.	0	0.
112	86	70.00	85	50.00	83	10.00	83	0.	0	0.	0	0.
117	87	80.00	86	70.00	85	50.00	84	30.00	0	0.	0	0.
121	88	90.00	87	80.00	86	60.00	85	50.00	0	0.	0	0.
126	88	90.00	88	90.00	86	70.00	86	60.00	0	0.	0	0.
130	0	100.00	88	90.00	87	80.00	86	70.00	0	0.	0	0.
135	0	100.00	88	90.00	87	80.00	87	80.00	0	0.	0	0.
139	0	100.00	88	90.00	88	90.00	87	80.00	0	0.	0	0.
144	0	100.00	89	90.00	88	90.00	88	80.00	0	0.	0	0.
148	0	100.00	89	90.00	89	90.00	88	80.00	0	0.	0	0.
153	89	90.00	89	90.00	89	90.00	88	80.00	0	0.	0	0.

Sh. 6 of 25.

TABLE 57 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
157	89	90.00	89	90.00	88	80.00	88	80.00	0	0.	0	0.
162	89	90.00	89	80.00	88	80.00	88	70.00	0	0.	0	0.
166	89	80.00	89	80.00	89	80.00	88	70.00	0	0.	0	0.
171	89	80.00	89	80.00	88	70.00	88	70.00	0	0.	0	0.
175	89	80.00	89	80.00	88	70.00	88	70.00	0	0.	0	0.
180	89	80.00	89	80.00	88	70.00	88	70.00	0	0.	0	0.
184	90	80.00	89	70.00	89	70.00	88	60.00	0	0.	0	0.
189	89	70.00	89	70.00	89	70.00	88	60.00	0	0.	0	0.
193	89	70.00	89	70.00	88	60.00	88	60.00	0	0.	0	0.
198	90	70.00	89	70.00	89	60.00	88	60.00	0	0.	0	0.
202	90	70.00	90	70.00	89	70.00	89	60.00	0	0.	0	0.
207	90	70.00	90	70.00	90	70.00	89	60.00	0	0.	0	0.
211	91	70.00	90	70.00	90	60.00	89	60.00	0	0.	0	0.
216	91	80.00	91	70.00	90	70.00	90	60.00	0	0.	0	0.
220	92	80.00	91	70.00	91	70.00	90	60.00	0	0.	0	0.
225	92	80.00	91	70.00	91	70.00	90	60.00	0	0.	0	0.
229	92	80.00	92	80.00	91	70.00	90	60.00	0	0.	0	0.
234	93	90.00	92	80.00	91	70.00	91	60.00	0	0.	0	0.
238	93	90.00	92	80.00	92	70.00	91	60.00	0	0.	0	0.
243	93	90.00	92	80.00	91	60.00	90	40.00	0	0.	0	0.
247	92	80.00	91	60.00	90	40.00	88	10.00	0	0.	0	0.
252	89	10.00	89	0.	89	0.	88	0.	0	0.	0	0.
256	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
261	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
265	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
270	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
274	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
279	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
283	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
288	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
292	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
297	91	40.00	90	10.00	89	0.	89	0.	0	0.	0	0.
301	0	100.00	93	80.00	90	30.00	89	0.	0	0.	0	0.
306	0	100.00	92	80.00	91	50.00	89	20.00	0	0.	0	0.

TABLE ~~3~~ 57 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
310	0	100.00	0	100.00	91	70.00	90	40.00	0	0,	0	0,
315	0	100.00	0	100.00	92	90.00	91	70.00	0	0,	0	0,
319	0	100.00	0	100.00	0	100.00	91	80.00	0	0,	0	0,
324	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
328	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
333	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
337	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
342	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
346	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
351	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
355	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
360	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
AVERAGE SHIELDING		68.12		64.62		59.50		53.62		0,		0,
AVERAGE TARGET CONTACT ANGLE		90		89		89		88		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE ~~3~~ 57

SHIELDING OF TARGET AT POSITION B
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
7	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
10	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
14	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
21	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
25	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
28	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
32	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
39	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
43	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
46	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
50	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
54	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
57	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
61	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
64	0	100.00	0	100.00	0	100.00	90	90.00	0	0.	0	0.
68	0	100.00	0	100.00	0	100.00	90	90.00	0	0.	0	0.
72	88	30.00	87	10.00	87	0.	87	0.	0	0.	0	0.
75	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
79	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
82	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
86	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
90	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
93	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
97	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
100	85	0.	85	0.	85	0.	85	0.	0	0.	0	0.
104	84	0.	84	0.	84	0.	84	0.	0	0.	0	0.
108	86	70.00	86	50.00	84	20.00	84	0.	0	0.	0	0.
111	87	90.00	86	70.00	86	60.00	85	40.00	0	0.	0	0.
115	0	100.00	87	90.00	86	70.00	86	60.00	0	0.	0	0.
118	0	100.00	0	100.00	87	80.00	86	70.00	0	0.	0	0.
122	0	100.00	0	100.00	88	90.00	87	80.00	0	0.	0	0.

TABLE 57 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
126	0	100.00	0	100.00	88	90.00	87	80.00	0	0.	0	0.
129	0	100.00	0	100.00	88	90.00	88	90.00	0	0.	0	0.
133	0	100.00	0	100.00	0	100.00	88	90.00	0	0.	0	0.
136	0	100.00	0	100.00	88	90.00	88	90.00	0	0.	0	0.
140	0	100.00	0	100.00	89	90.00	88	90.00	0	0.	0	0.
144	0	100.00	0	100.00	89	90.00	88	90.00	0	0.	0	0.
147	0	100.00	0	100.00	89	90.00	89	90.00	0	0.	0	0.
151	0	100.00	89	90.00	89	90.00	89	90.00	0	0.	0	0.
154	0	100.00	89	90.00	89	90.00	88	80.00	0	0.	0	0.
158	0	100.00	89	90.00	89	90.00	88	80.00	0	0.	0	0.
162	0	100.00	89	90.00	89	80.00	89	80.00	0	0.	0	0.
165	90	90.00	89	80.00	89	80.00	89	80.00	0	0.	0	0.
169	89	80.00	89	80.00	89	80.00	88	70.00	0	0.	0	0.
172	89	80.00	89	80.00	89	80.00	88	70.00	0	0.	0	0.
176	89	80.00	89	80.00	89	70.00	88	70.00	0	0.	0	0.
180	89	80.00	89	80.00	89	70.00	88	70.00	0	0.	0	0.
183	89	70.00	89	70.00	89	70.00	88	70.00	0	0.	0	0.
187	89	70.00	89	70.00	89	70.00	88	60.00	0	0.	0	0.
190	89	70.00	89	70.00	89	70.00	88	60.00	0	0.	0	0.
194	89	70.00	89	70.00	88	60.00	88	60.00	0	0.	0	0.
198	89	70.00	89	70.00	89	60.00	88	60.00	0	0.	0	0.
201	90	70.00	89	70.00	89	60.00	89	60.00	0	0.	0	0.
205	90	70.00	90	70.00	89	60.00	89	60.00	0	0.	0	0.
208	90	70.00	90	70.00	90	70.00	89	60.00	0	0.	0	0.
212	90	70.00	90	70.00	90	60.00	89	60.00	0	0.	0	0.
216	91	70.00	91	70.00	90	60.00	90	60.00	0	0.	0	0.
219	91	70.00	91	70.00	90	70.00	90	60.00	0	0.	0	0.
223	91	70.00	91	70.00	90	60.00	90	60.00	0	0.	0	0.
226	91	70.00	91	70.00	91	70.00	90	60.00	0	0.	0	0.
230	92	80.00	91	70.00	91	70.00	90	60.00	0	0.	0	0.
234	92	80.00	92	70.00	91	70.00	91	60.00	0	0.	0	0.
237	92	80.00	92	80.00	92	70.00	91	60.00	0	0.	0	0.
241	93	90.00	92	80.00	92	70.00	91	60.00	0	0.	0	0.
244	93	90.00	92	80.00	92	70.00	91	60.00	0	0.	0	0.

TABLE 57 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
248	93	90.00	92	80.00	91	60.00	91	50.00	0	0.	0	0.
252	93	90.00	92	70.00	91	40.00	90	20.00	0	0.	0	0.
255	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
259	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
262	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
266	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
270	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
273	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
277	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
280	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
284	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
288	91	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
291	93	70.00	92	40.00	91	0.	90	0.	0	0.	0	0.
295	0	100.00	0	100.00	93	70.00	91	40.00	0	0.	0	0.
298	0	100.00	0	100.00	93	90.00	92	70.00	0	0.	0	0.
302	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
309	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
313	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
316	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
320	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
324	0	100.00	0	100.00	0	100.00	91	90.00	0	0.	0	0.
327	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
331	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
334	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
338	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
342	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
345	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
349	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
352	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
356	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
360	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
AVERAGE SHIELDING		73.90		71.60		67.40		64.00		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		89		89		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SL-1 ref 25

TABLE 57

SHIELDING OF TARGET AT POSITION B
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 8 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
6	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
9	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
12	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
15	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
21	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
24	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
27	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
30	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
33	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
39	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
42	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
45	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
48	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
51	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
54	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
57	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
60	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
63	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
66	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
69	0	100.00	0	100.00	90	80.00	89	50.00	0	0.	0	0.
72	0	100.00	90	80.00	89	50.00	88	20.00	0	0.	0	0.
75	88	10.00	87	0.	87	0.	87	0.	0	0.	0	0.
78	89	0.	87	0.	87	0.	87	0.	0	0.	0	0.
81	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
84	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
87	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
90	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
93	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
96	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
99	86	0.	86	0.	85	0.	85	0.	0	0.	0	0.
102	86	40.00	85	10.00	85	0.	84	0.	0	0.	0	0.

TABLE 57 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 8 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
105	0	100.00	87	80.00	86	50.00	85	20,00	0	0,	0	0,
108	0	100.00	0	100.00	86	70.00	86	60.00	0	0,	0	0,
111	0	100.00	0	100.00	87	90.00	86	70.00	0	0,	0	0,
114	0	100.00	0	100.00	87	90.00	87	80,00	0	0,	0	0,
117	0	100.00	0	100.00	0	100.00	87	90,00	0	0,	0	0,
120	0	100.00	0	100.00	0	100.00	88	90.00	0	0,	0	0,
123	0	100.00	0	100.00	0	100.00	88	90,00	0	0,	0	0,
126	0	100.00	0	100.00	0	100.00	0	100,00	0	0,	0	0,
129	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
132	0	100.00	0	100.00	0	100.00	0	100,00	0	0,	0	0,
135	0	100.00	0	100.00	0	100.00	0	100,00	0	0,	0	0,
138	0	100.00	0	100.00	0	100.00	0	100,00	0	0,	0	0,
141	0	100.00	0	100.00	0	100.00	0	100,00	0	0,	0	0,
144	0	100.00	0	100.00	0	100.00	0	100,00	0	0,	0	0,
147	0	100.00	0	100.00	0	100.00	0	100,00	0	0,	0	0,
150	0	100.00	0	100.00	0	100.00	0	100,00	0	0,	0	0,
153	0	100.00	0	100.00	0	100.00	0	100,00	0	0,	0	0,
156	0	100.00	0	100.00	0	100.00	89	90,00	0	0,	0	0,
159	0	100.00	0	100.00	0	100.00	90	90,00	0	0,	0	0,
162	0	100.00	0	100.00	0	100.00	90	90,00	0	0,	0	0,
165	0	100.00	0	100.00	0	100.00	90	90,00	0	0,	0	0,
168	0	100.00	0	100.00	0	100.00	89	80.00	0	0,	0	0,
171	0	100.00	0	100.00	90	90.00	89	80.00	0	0,	0	0,
174	0	100.00	0	100.00	89	80.00	89	80,00	0	0,	0	0,
177	0	100.00	0	100.00	89	80.00	89	80,00	0	0,	0	0,
180	0	100.00	90	90.00	89	80.00	89	70,00	0	0,	0	0,
183	0	100.00	89	80.00	89	70.00	89	70,00	0	0,	0	0,
186	90	80.00	89	70.00	89	70.00	89	70,00	0	0,	0	0,
189	89	70.00	89	70.00	89	70.00	89	70,00	0	0,	0	0,
192	89	70.00	89	70.00	89	70.00	88	60.00	0	0,	0	0,
195	89	70.00	89	70.00	89	60.00	88	60.00	0	0,	0	0,
198	89	70.00	89	70.00	89	60.00	88	60.00	0	0,	0	0,
201	89	70.00	89	60.00	89	60.00	88	60.00	0	0,	0	0,
204	89	70.00	89	60.00	89	60.00	89	60.00	0	0,	0	0,

TABLE ~~8~~ 57 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
207	89	60.00	89	60.00	89	60.00	89	60.00	0	0.	0	0.
210	89	60.00	89	60.00	89	60.00	89	60.00	0	0.	0	0.
213	90	60.00	89	60.00	89	60.00	89	60.00	0	0.	0	0.
216	90	60.00	90	60.00	90	60.00	89	60.00	0	0.	0	0.
219	90	70.00	90	60.00	90	60.00	90	60.00	0	0.	0	0.
222	91	70.00	90	60.00	90	60.00	90	60.00	0	0.	0	0.
225	91	70.00	91	70.00	90	60.00	90	60.00	0	0.	0	0.
228	91	70.00	91	70.00	90	60.00	90	60.00	0	0.	0	0.
231	91	70.00	91	70.00	91	60.00	90	60.00	0	0.	0	0.
234	92	70.00	91	70.00	91	60.00	91	60.00	0	0.	0	0.
237	92	70.00	92	70.00	91	70.00	91	60.00	0	0.	0	0.
240	92	70.00	92	70.00	91	60.00	91	60.00	0	0.	0	0.
243	92	80.00	92	70.00	91	60.00	91	60.00	0	0.	0	0.
246	92	80.00	92	70.00	92	70.00	91	60.00	0	0.	0	0.
249	92	80.00	92	80.00	92	70.00	91	60.00	0	0.	0	0.
252	92	80.00	92	70.00	91	50.00	91	40.00	0	0.	0	0.
255	92	70.00	91	50.00	90	20.00	90	0.	0	0.	0	0.
258	91	40.00	90	20.00	90	0.	90	0.	0	0.	0	0.
261	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
264	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
267	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
270	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
273	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
276	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
279	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
282	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
285	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
288	92	30.00	92	20.00	91	0.	91	0.	0	0.	0	0.
291	0	100.00	0	100.00	94	90.00	93	60.00	0	0.	0	0.
294	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
297	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
300	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
303	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE 57 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
309	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
312	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
315	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
318	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
321	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
324	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
327	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
330	0	100.00	0	100.00	0	100.00	91	90.00	0	0.	0	0.
333	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
336	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
339	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
342	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
345	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
348	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
351	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
354	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
357	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
360	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
AVERAGE SHIELDING		77.58		75.58		72.25		69.33		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		89		89		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 57

SHIELDING OF TARGET AT POSITION B
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 8 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
5	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
7	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
10	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
12	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
15	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
20	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
23	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
25	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
28	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
30	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
33	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
38	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
41	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
43	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
46	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
48	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
51	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
54	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
56	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
59	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
61	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
64	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
66	0	100.00	0	100.00	90	90.00	90	80.00	0	0.	0	0.
69	89	70.00	89	60.00	89	50.00	88	40.00	0	0.	0	0.
72	88	40.00	88	30.00	88	20.00	87	10.00	0	0.	0	0.
74	88	20.00	88	10.00	87	0.	87	0.	0	0.	0	0.
77	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
79	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
82	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
84	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
87	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.

TABLE 57 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
90	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
92	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
95	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
97	86	0.	86	0.	86	0.	85	0.	0	0.	0	0.
100	86	50.00	86	30.00	85	0.	85	0.	0	0.	0	0.
102	0	100.00	0	100.00	87	80.00	86	50.00	0	0.	0	0.
105	0	100.00	0	100.00	0	100.00	87	80.00	0	0.	0	0.
108	0	100.00	0	100.00	0	100.00	87	90.00	0	0.	0	0.
110	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
113	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
115	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
118	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
120	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
123	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
126	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
128	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
131	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
133	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
136	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
138	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
141	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
144	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
146	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
149	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
151	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
154	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
156	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
159	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
162	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
164	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
167	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
169	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
172	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
174	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

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TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF HURST 75 CM	TARSET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
177	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
180	0	100.00	0	100.00	0	100.00	90	80.00	0	0.	0	0.
182	0	100.00	0	100.00	90	90.00	89	80.00	0	0.	0	0.
185	0	100.00	0	100.00	90	80.00	89	70.00	0	0.	0	0.
187	0	100.00	90	90.00	89	70.00	89	70.00	0	0.	0	0.
190	0	100.00	90	80.00	89	70.00	39	70.00	0	0.	0	0.
192	0	100.00	89	70.00	89	70.00	89	70.00	0	0.	0	0.
195	90	80.00	89	70.00	89	70.00	89	60.00	0	0.	0	0.
198	89	70.00	89	70.00	89	60.00	89	60.00	0	0.	0	0.
200	89	70.00	89	70.00	89	60.00	89	60.00	0	0.	0	0.
203	89	60.00	89	60.00	89	60.00	89	60.00	0	0.	0	0.
205	89	60.00	89	60.00	89	60.00	89	60.00	0	0.	0	0.
208	89	60.00	89	60.00	89	60.00	89	60.00	0	0.	0	0.
210	89	60.00	89	60.00	89	60.00	89	60.00	0	0.	0	0.
213	89	60.00	89	60.00	89	60.00	89	50.00	0	0.	0	0.
216	90	60.00	89	60.00	89	60.00	89	50.00	0	0.	0	0.
218	90	60.00	90	60.00	89	60.00	89	50.00	0	0.	0	0.
221	90	60.00	90	60.00	90	60.00	89	60.00	0	0.	0	0.
223	90	60.00	90	60.00	90	60.00	89	50.00	0	0.	0	0.
226	90	60.00	90	60.00	90	60.00	90	60.00	0	0.	0	0.
228	91	60.00	90	60.00	90	60.00	90	60.00	0	0.	0	0.
231	91	70.00	91	60.00	91	60.00	90	60.00	0	0.	0	0.
234	91	70.00	91	60.00	91	60.00	90	60.00	0	0.	0	0.
236	91	70.00	91	70.00	91	60.00	91	60.00	0	0.	0	0.
239	92	70.00	91	70.00	91	60.00	91	60.00	0	0.	0	0.
241	92	70.00	92	70.00	91	60.00	91	60.00	0	0.	0	0.
244	92	70.00	92	70.00	91	60.00	91	60.00	0	0.	0	0.
246	92	70.00	92	70.00	91	60.00	91	50.00	0	0.	0	0.
249	92	70.00	92	70.00	91	60.00	91	50.00	0	0.	0	0.
252	92	70.00	92	60.00	91	50.00	91	40.00	0	0.	0	0.
254	92	60.00	91	50.00	91	40.00	90	20.00	0	0.	0	0.
257	92	50.00	91	40.00	90	20.00	90	0.	0	0.	0	0.
259	91	0.	90	0.	90	0.	90	0.	0	0.	0	0.
262	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.

TABLE 5-57 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
264	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
267	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
270	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
272	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
275	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
277	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
280	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
282	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
285	92	10.00	92	0.	91	0.	91	0.	0	0.	0	0.
288	0	100.00	0	100.00	93	40.00	92	20.00	0	0.	0	0.
290	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
293	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
295	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
298	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
300	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
303	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
308	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
311	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
313	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
316	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
318	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
321	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
324	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
326	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
329	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
331	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
334	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
336	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
339	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
342	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
344	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
347	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
349	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE ~~3~~ 57 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
352	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
354	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
357	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
360	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
AVERAGE SHIELDING		77.93		76.64		74.29		72.36		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		90		89		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

Sh 20 of 25.

TABLE ~~3~~ 57

SHIELDING OF TARGET AT POSITION B
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
4	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
6	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
9	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
11	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
13	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
15	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
20	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
22	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
24	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
27	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
29	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
31	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
33	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
38	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
40	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
42	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
45	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
47	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
49	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
51	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
54	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
56	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
58	0	100.00	0	100.00	90	90.00	90	90.00	0	0.	0	0.
60	90	90.00	90	90.00	89	80.00	89	70.00	0	0.	0	0.
63	90	80.00	89	80.00	89	70.00	89	70.00	0	0.	0	0.
65	89	80.00	89	70.00	89	70.00	89	60.00	0	0.	0	0.
67	0	100.00	89	70.00	89	60.00	88	50.00	0	0.	0	0.
69	90	90.00	89	50.00	88	40.00	88	30.00	0	0.	0	0.
72	88	30.00	88	20.00	87	10.00	87	10.00	0	0.	0	0.
74	87	10.00	87	10.00	87	0.	87	0.	0	0.	0	0.
76	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.

TABLE ~~5~~ 57 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
78	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
81	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
83	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
85	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
87	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
90	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
92	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
94	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
96	86	0.	86	0.	86	0.	86	0.	0	0.	0	0.
99	87	60.00	86	40.00	85	0.	85	0.	0	0.	0	0.
101	0	100.00	0	100.00	87	70.00	86	50.00	0	0.	0	0.
103	0	100.00	0	100.00	0	100.00	87	90.00	0	0.	0	0.
105	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
108	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
110	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
112	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
114	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
117	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
119	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
121	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
123	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
126	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
128	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
130	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
132	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
135	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
137	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
139	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
141	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
144	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
146	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
148	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
150	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
153	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE 57 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
155	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
157	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
159	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
162	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
164	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
166	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
168	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
171	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
173	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
175	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
177	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
180	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
182	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
184	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
186	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
189	0	100.00	0	100.00	0	100.00	90	90.00	0	0.	0	0.
191	0	100.00	0	100.00	0	100.00	90	80.00	0	0.	0	0.
193	0	100.00	0	100.00	90	90.00	89	70.00	0	0.	0	0.
195	0	100.00	0	100.00	89	70.00	89	70.00	0	0.	0	0.
198	0	100.00	90	90.00	89	70.00	89	70.00	0	0.	0	0.
200	90	90.00	89	70.00	89	70.00	89	60.00	0	0.	0	0.
202	89	70.00	89	70.00	89	60.00	89	60.00	0	0.	0	0.
204	89	70.00	89	60.00	89	60.00	89	60.00	0	0.	0	0.
207	89	60.00	89	60.00	89	60.00	89	60.00	0	0.	0	0.
209	89	60.00	89	60.00	89	60.00	89	60.00	0	0.	0	0.
211	89	60.00	89	60.00	89	60.00	89	50.00	0	0.	0	0.
213	89	60.00	89	60.00	89	60.00	89	50.00	0	0.	0	0.
216	89	60.00	89	60.00	89	50.00	89	50.00	0	0.	0	0.
218	89	60.00	89	60.00	89	50.00	89	50.00	0	0.	0	0.
220	90	60.00	90	60.00	89	50.00	89	50.00	0	0.	0	0.
222	90	60.00	89	50.00	89	50.00	89	50.00	0	0.	0	0.
225	90	60.00	90	60.00	89	50.00	89	50.00	0	0.	0	0.
227	90	60.00	90	60.00	90	50.00	89	50.00	0	0.	0	0.
229	90	60.00	90	60.00	90	50.00	90	50.00	0	0.	0	0.

TABLE 57 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
231	91	60.00	90	60.00	90	60.00	90	50.00	0	0.	0	0.
234	91	60.00	91	60.00	91	60.00	90	60.00	0	0.	0	0.
236	91	60.00	91	60.00	91	60.00	90	60.00	0	0.	0	0.
238	91	60.00	91	60.00	91	60.00	90	50.00	0	0.	0	0.
240	91	60.00	91	60.00	91	60.00	91	50.00	0	0.	0	0.
243	91	60.00	91	60.00	91	60.00	91	50.00	0	0.	0	0.
245	91	60.00	91	60.00	91	60.00	91	50.00	0	0.	0	0.
247	92	70.00	91	60.00	91	60.00	91	50.00	0	0.	0	0.
249	92	70.00	92	60.00	91	60.00	91	50.00	0	0.	0	0.
252	92	70.00	92	60.00	91	50.00	91	50.00	0	0.	0	0.
254	92	60.00	92	60.00	91	50.00	91	40.00	0	0.	0	0.
256	92	60.00	91	50.00	91	40.00	90	20.00	0	0.	0	0.
258	92	50.00	91	50.00	91	30.00	90	10.00	0	0.	0	0.
261	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
263	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
265	92	10.00	92	0.	92	0.	92	0.	0	0.	0	0.
267	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
270	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
272	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
274	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
276	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
279	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
281	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
283	92	10.00	92	0.	91	0.	91	0.	0	0.	0	0.
285	93	70.00	92	30.00	92	10.00	91	0.	0	0.	0	0.
288	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
290	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
292	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
294	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
297	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
299	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
301	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
303	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

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TABLE ~~8~~ 57 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
308	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
310	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
312	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
315	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
317	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
319	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
321	0	100.00	0	100.00	92	90.00	91	90.00	0	0.	0	0.
324	0	100.00	0	100.00	91	90.00	91	90.00	0	0.	0	0.
326	0	100.00	0	100.00	0	100.00	91	90.00	0	0.	0	0.
328	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
330	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
333	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
335	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
337	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
339	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
342	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
344	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
346	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
348	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
351	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
353	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
355	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
357	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
360	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
AVERAGE SHIELDING		78.87		77.25		75.00		73.19		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		90		89		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 58

SHIELDING OF TARGET AT POSITION C
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
18	89	0.	88	0.	87	0.	85	0.	0	0.	0	0.
36	89	0.	88	0.	87	0.	86	0.	0	0.	0	0.
54	90	0.	89	0.	87	0.	86	0.	0	0.	0	0.
72	89	0.	88	0.	87	0.	85	0.	0	0.	0	0.
90	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
108	89	0.	88	0.	86	0.	85	0.	0	0.	0	0.
126	91	10.00	91	0.	89	0.	88	0.	0	0.	0	0.
144	87	0.	86	0.	85	0.	83	0.	0	0.	0	0.
162	81	0.	81	0.	79	0.	78	0.	0	0.	0	0.
180	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
198	83	0.	82	0.	81	0.	79	0.	0	0.	0	0.
216	90	0.	89	0.	88	0.	86	0.	0	0.	0	0.
234	95	10.00	95	0.	93	0.	92	0.	0	0.	0	0.
252	93	0.	92	0.	91	0.	89	0.	0	0.	0	0.
270	93	0.	92	0.	91	0.	89	0.	0	0.	0	0.
288	93	0.	92	0.	91	0.	89	0.	0	0.	0	0.
306	93	0.	93	0.	91	0.	90	0.	0	0.	0	0.
324	92	0.	91	0.	90	0.	88	0.	0	0.	0	0.
342	90	0.	90	0.	88	0.	87	0.	0	0.	0	0.
360	89	0.	89	0.	87	0.	86	0.	0	0.	0	0.
AVERAGE SHIELDING		1.00		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		89		88		86		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE No. 6

TABLE 58 (Ch. 1 of 25)

TABLE ~~8~~ 58

SHIELDING OF TARGET AT POSITION C
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
9	84	20.00	83	0.	82	0.	82	0.	0	0.	0	0.
18	84	10.00	83	0.	83	0.	82	0.	0	0.	0	0.
27	84	0.	84	0.	83	0.	82	0.	0	0.	0	0.
36	84	0.	84	0.	83	0.	82	0.	0	0.	0	0.
45	85	0.	85	0.	84	0.	83	0.	0	0.	0	0.
54	86	0.	86	0.	85	0.	84	0.	0	0.	0	0.
63	88	0.	87	0.	86	0.	86	0.	0	0.	0	0.
72	88	0.	88	0.	87	0.	86	0.	0	0.	0	0.
81	88	0.	88	0.	87	0.	86	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
99	88	0.	87	0.	87	0.	86	0.	0	0.	0	0.
108	89	0.	88	0.	87	0.	87	0.	0	0.	0	0.
117	85	0.	84	0.	83	0.	83	0.	0	0.	0	0.
126	81	0.	80	0.	80	0.	79	0.	0	0.	0	0.
135	83	40.00	80	0.	80	0.	79	0.	0	0.	0	0.
144	86	70.00	84	50.00	81	20.00	79	0.	0	0.	0	0.
153	88	90.00	86	70.00	84	50.00	81	30.00	0	0.	0	0.
162	89	90.00	88	80.00	85	60.00	83	40.00	0	0.	0	0.
171	0	100.00	89	90.00	87	70.00	85	60.00	0	0.	0	0.
180	0	100.00	90	90.00	87	70.00	86	60.00	0	0.	0	0.
189	0	100.00	90	90.00	88	70.00	86	60.00	0	0.	0	0.
198	0	100.00	90	80.00	87	60.00	85	40.00	0	0.	0	0.
207	90	80.00	89	70.00	87	50.00	84	30.00	0	0.	0	0.
216	90	70.00	88	50.00	85	30.00	83	10.00	0	0.	0	0.
225	88	50.00	84	10.00	84	0.	83	0.	0	0.	0	0.
234	85	0.	85	0.	84	0.	83	0.	0	0.	0	0.
243	89	0.	89	0.	88	0.	87	0.	0	0.	0	0.
252	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
261	93	0.	92	0.	91	0.	91	0.	0	0.	0	0.
270	92	0.	92	0.	91	0.	90	0.	0	0.	0	0.
279	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
288	93	0.	92	0.	91	0.	91	0.	0	0.	0	0.
297	92	0.	91	0.	91	0.	90	0.	0	0.	0	0.
306	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.

TABLE ~~3~~ 58 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
315	88	0.	87	0.	87	0.	86	0.	0	0.	0	0.
324	86	0.	85	0.	85	0.	84	0.	0	0.	0	0.
333	85	0.	84	0.	83	0.	83	0.	0	0.	0	0.
342	84	0.	83	0.	83	0.	82	0.	0	0.	0	0.
351	83	0.	83	0.	82	0.	82	0.	0	0.	0	0.
360	87	50.00	83	10.00	82	0.	81	0.	0	0.	0	0.
AVERAGE SHIELDING		24.25		17.25		12.00		8.25		0.		0.
AVERAGE TARGET CONTACT ANGLE		88		87		86		85		0		0

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 58

SHIELDING OF TARGET AT POSITION C
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
6	0	100.00	0	100.00	0	100.00	91	90.00	0	0.	0	0.
12	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	91	90.00	0	0.	0	0.
24	0	100.00	0	100.00	0	100.00	91	80.00	0	0.	0	0.
30	0	100.00	0	100.00	91	80.00	89	60.00	0	0.	0	0.
36	0	100.00	0	100.00	91	80.00	89	60.00	0	0.	0	0.
42	0	100.00	91	90.00	89	60.00	87	40.00	0	0.	0	0.
48	0	100.00	0	100.00	90	70.00	87	40.00	0	0.	0	0.
54	0	100.00	0	100.00	89	60.00	86	20.00	0	0.	0	0.
60	86	0.	86	0.	85	0.	85	0.	0	0.	0	0.
66	87	0.	87	0.	86	0.	86	0.	0	0.	0	0.
72	88	0.	87	0.	87	0.	86	0.	0	0.	0	0.
78	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
84	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
90	88	0.	87	0.	87	0.	86	0.	0	0.	0	0.
96	88	0.	87	0.	87	0.	86	0.	0	0.	0	0.
102	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
108	85	0.	84	0.	84	0.	84	0.	0	0.	0	0.
114	83	0.	82	0.	82	0.	81	0.	0	0.	0	0.
120	86	60.00	84	30.00	82	0.	81	0.	0	0.	0	0.
126	87	80.00	85	60.00	84	50.00	83	30.00	0	0.	0	0.
132	88	90.00	87	80.00	85	60.00	84	50.00	0	0.	0	0.
138	88	90.00	87	80.00	86	70.00	85	60.00	0	0.	0	0.
144	0	100.00	88	90.00	87	70.00	86	70.00	0	0.	0	0.
150	0	100.00	89	90.00	88	80.00	87	70.00	0	0.	0	0.
156	0	100.00	89	90.00	88	80.00	87	70.00	0	0.	0	0.
162	0	100.00	89	90.00	88	80.00	88	80.00	0	0.	0	0.
168	0	100.00	90	90.00	89	90.00	88	80.00	0	0.	0	0.
174	0	100.00	90	90.00	89	90.00	88	80.00	0	0.	0	0.
180	0	100.00	90	90.00	90	90.00	89	80.00	0	0.	0	0.
186	91	90.00	90	90.00	89	80.00	89	80.00	0	0.	0	0.
192	91	90.00	91	90.00	89	80.00	88	70.00	0	0.	0	0.
198	91	90.00	91	90.00	90	80.00	89	70.00	0	0.	0	0.
204	91	90.00	90	80.00	90	80.00	89	70.00	0	0.	0	0.

TABLE ~~8~~ 58 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
210	92	90.00	91	80.00	90	80.00	89	70.00	0	0.	0	0.
216	92	90.00	91	80.00	90	70.00	89	60.00	0	0.	0	0.
222	92	90.00	91	80.00	90	70.00	89	60.00	0	0.	0	0.
228	92	80.00	91	70.00	90	60.00	89	50.00	0	0.	0	0.
234	92	80.00	91	70.00	89	50.00	88	40.00	0	0.	0	0.
240	91	60.00	89	30.00	87	0.	87	0.	0	0.	0	0.
246	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
252	90	0.	89	0.	89	0.	88	0.	0	0.	0	0.
258	93	0.	92	0.	92	0.	91	0.	0	0.	0	0.
264	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
270	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
276	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
282	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
288	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
294	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
300	89	0.	88	0.	88	0.	88	0.	0	0.	0	0.
306	88	0.	87	0.	87	0.	86	0.	0	0.	0	0.
312	86	0.	86	0.	85	0.	85	0.	0	0.	0	0.
318	87	30.00	86	0.	85	0.	85	0.	0	0.	0	0.
324	89	60.00	87	40.00	85	0.	85	0.	0	0.	0	0.
330	89	70.00	88	50.00	86	20.00	85	0.	0	0.	0	0.
336	0	100.00	0	100.00	89	70.00	88	50.00	0	0.	0	0.
342	0	100.00	0	100.00	90	90.00	88	60.00	0	0.	0	0.
348	0	100.00	0	100.00	0	100.00	89	70.00	0	0.	0	0.
354	0	100.00	0	100.00	0	100.00	89	80.00	0	0.	0	0.
360	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
AVERAGE SHIELDING		57.17		52.00		44.00		36.33		0.		0.
AVERAGE TARGET CONTACT ANGLE		89		89		88		87		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 3 58

SHIELDING OF TARGET AT POSITION C

RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
4	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
9	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
13	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
22	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
27	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
31	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
40	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
45	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
49	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
54	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
58	0	100.00	0	100.00	0	100.00	90	70.00	0	0.	0	0.
63	0	100.00	0	100.00	0	100.00	90	70.00	0	0.	0	0.
67	87	10.00	87	0.	87	0.	86	0.	0	0.	0	0.
72	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
76	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
81	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
85	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
90	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
94	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
99	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
103	85	0.	85	0.	85	0.	84	0.	0	0.	0	0.
108	84	0.	83	0.	83	0.	83	0.	0	0.	0	0.
112	86	70.00	85	50.00	83	10.00	83	0.	0	0.	0	0.
117	87	90.00	86	70.00	85	50.00	84	30.00	0	0.	0	0.
121	0	100.00	87	80.00	86	70.00	85	60.00	0	0.	0	0.
126	0	100.00	88	90.00	87	80.00	86	70.00	0	0.	0	0.
130	0	100.00	0	100.00	87	80.00	86	70.00	0	0.	0	0.
135	0	100.00	0	100.00	88	90.00	87	80.00	0	0.	0	0.
139	0	100.00	0	100.00	88	90.00	87	80.00	0	0.	0	0.
144	0	100.00	0	100.00	88	90.00	88	90.00	0	0.	0	0.
148	0	100.00	0	100.00	89	90.00	88	90.00	0	0.	0	0.
153	0	100.00	0	100.00	89	90.00	89	90.00	0	0.	0	0.

TABLE 5B (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
157	0	100.00	0	100.00	89	90.00	89	90.00	0	0.	0	0.
162	0	100.00	0	100.00	89	90.00	88	80.00	0	0.	0	0.
166	0	100.00	90	90.00	89	90.00	88	80.00	0	0.	0	0.
171	90	90.00	90	90.00	89	90.00	89	80.00	0	0.	0	0.
175	90	90.00	90	90.00	89	90.00	89	80.00	0	0.	0	0.
180	90	90.00	90	90.00	89	80.00	89	80.00	0	0.	0	0.
184	90	90.00	90	90.00	89	80.00	89	80.00	0	0.	0	0.
189	90	90.00	90	90.00	89	80.00	89	80.00	0	0.	0	0.
193	90	90.00	90	80.00	89	80.00	89	70.00	0	0.	0	0.
198	90	80.00	90	80.00	90	80.00	89	70.00	0	0.	0	0.
202	90	80.00	90	80.00	89	70.00	89	70.00	0	0.	0	0.
207	91	80.00	90	80.00	90	70.00	89	70.00	0	0.	0	0.
211	91	80.00	91	80.00	90	70.00	89	70.00	0	0.	0	0.
216	91	80.00	91	80.00	90	70.00	90	70.00	0	0.	0	0.
220	91	80.00	91	80.00	90	70.00	90	70.00	0	0.	0	0.
225	92	80.00	91	80.00	91	70.00	90	70.00	0	0.	0	0.
229	92	90.00	92	80.00	91	70.00	90	60.00	0	0.	0	0.
234	93	90.00	92	80.00	91	70.00	91	70.00	0	0.	0	0.
238	93	90.00	92	80.00	91	70.00	90	60.00	0	0.	0	0.
243	93	90.00	92	80.00	91	60.00	90	40.00	0	0.	0	0.
247	92	80.00	91	60.00	89	30.00	88	10.00	0	0.	0	0.
252	89	10.00	89	0.	88	0.	88	0.	0	0.	0	0.
256	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
261	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
265	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
270	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
274	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
279	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
283	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
288	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
292	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
297	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
301	92	90.00	89	10.00	88	0.	88	0.	0	0.	0	0.
306	0	100.00	91	80.00	89	40.00	88	0.	0	0.	0	0.

TABLE → 58 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
310	0	100.00	0	100.00	91	80.00	89	50.00	0	0.	0	0.
315	0	100.00	0	100.00	0	100.00	90	80.00	0	0.	0	0.
319	0	100.00	0	100.00	0	100.00	91	90.00	0	0.	0	0.
324	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
328	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
333	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
337	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
342	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
346	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
351	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
355	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
360	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
AVERAGE SHIELDING		70.12		66.75		61.62		57.12		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		89		89		88		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 58

SHIELDING OF TARGET AT POSITION C
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
7	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
10	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
14	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
21	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
25	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
28	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
32	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
39	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
43	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
46	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
50	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
54	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
57	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
61	0	100.00	0	100.00	0	100.00	91	90.00	0	0.	0	0.
64	0	100.00	91	80.00	90	60.00	89	40.00	0	0.	0	0.
68	91	90.00	90	70.00	88	30.00	87	10.00	0	0.	0	0.
72	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
75	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
79	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
82	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
86	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
90	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
93	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
97	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
100	85	0.	85	0.	85	0.	85	0.	0	0.	0	0.
104	86	40.00	84	0.	84	0.	84	0.	0	0.	0	0.
108	0	100.00	87	80.00	85	50.00	84	20.00	0	0.	0	0.
111	0	100.00	0	100.00	86	70.00	85	50.00	0	0.	0	0.
115	0	100.00	0	100.00	87	80.00	86	70.00	0	0.	0	0.
118	0	100.00	0	100.00	87	90.00	87	80.00	0	0.	0	0.
122	0	100.00	0	100.00	0	100.00	87	80.00	0	0.	0	0.

AD-A040 173 ARMY ENGINEER WATERWAYS EXPERIMENT STATION VICKSBURG MISS F/G 18/6
ANALYTICAL STUDY OF GROUND-SURFACE SHIELDING CHARACTERISTICS OF--ETC(U)
JUN 74 H W WEST, P L DOIRON, J A PARKS

UNCLASSIFIED WES-TR-M-74-4-VOL-2 NL

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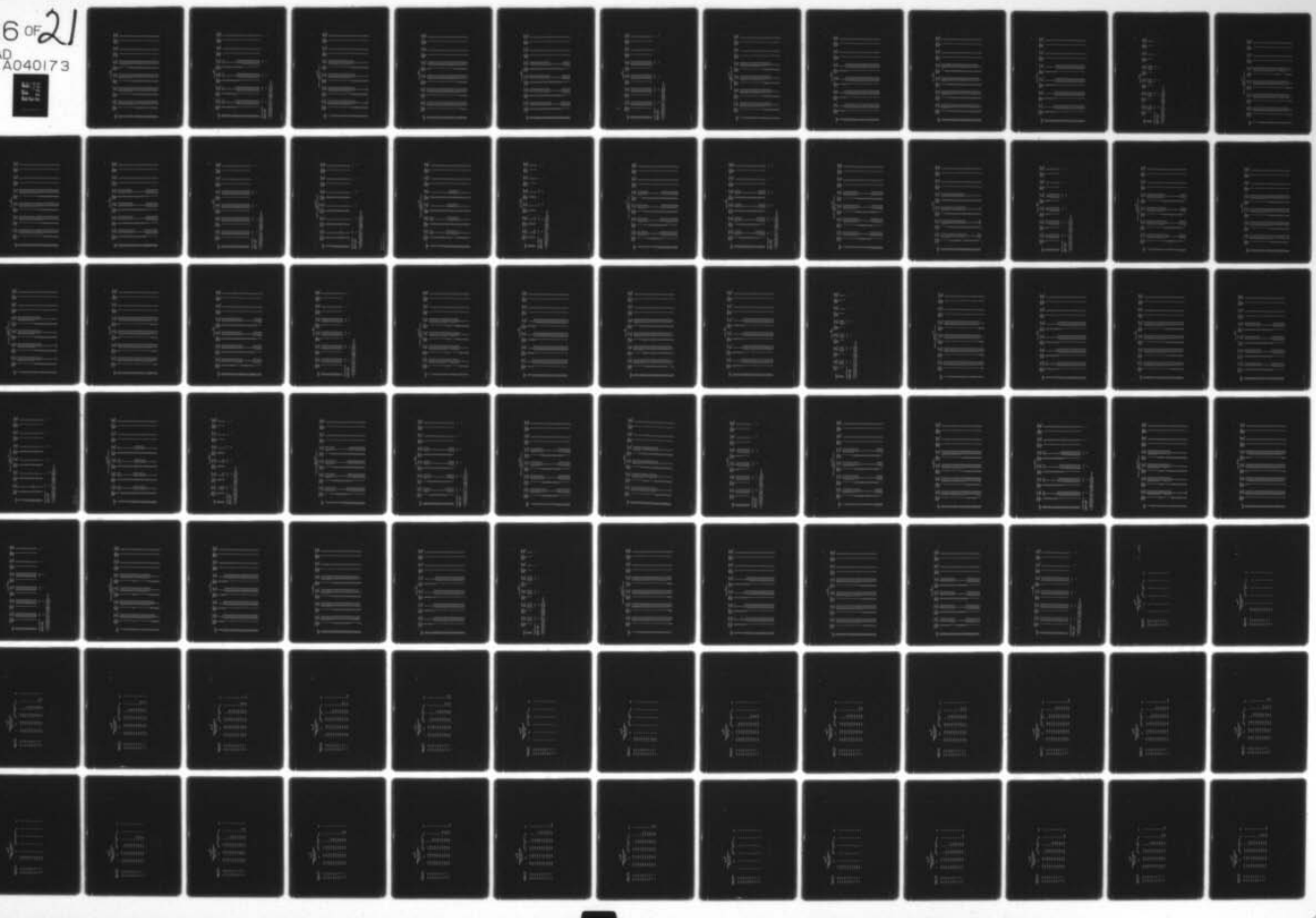

TABLE 5P (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
126	0	100.00	0	100.00	0	100.00	88	90.00	0	0.	0	0.
129	0	100.00	0	100.00	0	100.00	88	90.00	0	0.	0	0.
133	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
136	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
140	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
144	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
147	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
151	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
154	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
158	0	100.00	0	100.00	0	100.00	89	90.00	0	0.	0	0.
162	0	100.00	0	100.00	0	100.00	89	90.00	0	0.	0	0.
165	0	100.00	0	100.00	90	90.00	89	90.00	0	0.	0	0.
169	0	100.00	0	100.00	90	90.00	89	90.00	0	0.	0	0.
172	0	100.00	90	90.00	90	90.00	89	90.00	0	0.	0	0.
176	90	90.00	90	90.00	90	90.00	89	80.00	0	0.	0	0.
180	90	90.00	90	90.00	90	90.00	89	80.00	0	0.	0	0.
183	90	90.00	90	90.00	89	80.00	89	80.00	0	0.	0	0.
187	90	90.00	90	80.00	89	80.00	89	80.00	0	0.	0	0.
190	90	90.00	90	80.00	89	80.00	89	80.00	0	0.	0	0.
194	90	80.00	90	80.00	89	80.00	89	70.00	0	0.	0	0.
198	90	80.00	90	80.00	89	70.00	89	70.00	0	0.	0	0.
201	90	80.00	90	80.00	89	70.00	89	70.00	0	0.	0	0.
205	90	80.00	90	80.00	89	70.00	89	70.00	0	0.	0	0.
208	90	80.00	90	80.00	90	70.00	89	70.00	0	0.	0	0.
212	91	80.00	90	80.00	90	70.00	89	70.00	0	0.	0	0.
216	91	80.00	91	80.00	90	70.00	90	70.00	0	0.	0	0.
219	91	80.00	91	80.00	90	70.00	90	70.00	0	0.	0	0.
223	91	80.00	91	80.00	91	70.00	90	70.00	0	0.	0	0.
226	92	80.00	91	80.00	91	70.00	90	70.00	0	0.	0	0.
230	92	80.00	92	80.00	91	70.00	91	70.00	0	0.	0	0.
234	92	80.00	92	80.00	91	70.00	91	70.00	0	0.	0	0.
237	93	90.00	92	80.00	91	70.00	91	70.00	0	0.	0	0.
241	93	90.00	93	90.00	92	80.00	91	70.00	0	0.	0	0.
244	93	90.00	93	90.00	92	70.00	91	60.00	0	0.	0	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
248	93	90.00	92	80.00	91	60.00	91	50.00	0	0.	0	0.
252	93	90.00	92	70.00	91	40.00	90	20.00	0	0.	0	0.
255	90	30.00	90	0.	89	0.	89	0.	0	0.	0	0.
259	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
262	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
266	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
270	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
273	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
277	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
280	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
284	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
288	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
291	92	70.00	91	30.00	90	0.	90	0.	0	0.	0	0.
295	0	100.00	0	100.00	91	50.00	90	20.00	0	0.	0	0.
298	0	100.00	0	100.00	92	80.00	91	40.00	0	0.	0	0.
302	0	100.00	0	100.00	0	100.00	92	90.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	92	90.00	0	0.	0	0.
309	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
313	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
316	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
320	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
324	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
327	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
331	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
334	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
338	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
342	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
345	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
349	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
352	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
356	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
360	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
AVERAGE SHIELDING		76.90		74.50		69.70		66.20		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		89		89		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 58

SHIELDING OF TARGET AT POSITION C
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
6	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
9	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
12	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
15	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
21	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
24	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
27	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
30	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
33	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
39	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
42	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
45	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
48	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
51	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
54	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
57	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
60	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
63	0	100.00	91	90.00	90	70.00	90	60.00	0	0.	0	0.
66	89	50.00	89	40.00	88	30.00	88	20.00	0	0.	0	0.
69	88	30.00	88	20.00	87	10.00	87	0.	0	0.	0	0.
72	88	10.00	88	0.	87	0.	87	0.	0	0.	0	0.
75	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
78	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
81	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
84	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
87	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
90	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
93	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
96	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
99	86	0.	86	0.	86	0.	85	0.	0	0.	0	0.
102	86	50.00	85	20.00	85	0.	85	0.	0	0.	0	0.

TABLE ~~5~~ 58 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
105	0	100.00	87	90.00	87	70.00	85	40.00	0	0.	0	0.
108	0	100.00	0	100.00	0	100.00	87	80.00	0	0.	0	0.
111	0	100.00	0	100.00	0	100.00	87	90.00	0	0.	0	0.
114	0	100.00	0	100.00	0	100.00	0	100.00	0	0	0	0.
117	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
120	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
123	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
126	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
129	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
132	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
135	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
138	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
141	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
144	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
147	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
150	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
153	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
156	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
159	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
162	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
165	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
168	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
171	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
174	0	100.00	0	100.00	0	100.00	90	90.00	0	0.	0	0.
177	0	100.00	0	100.00	0	100.00	90	90.00	0	0.	0	0.
180	0	100.00	0	100.00	90	90.00	90	90.00	0	0.	0	0.
183	0	100.00	0	100.00	90	90.00	90	90.00	0	0.	0	0.
186	0	100.00	0	100.00	90	90.00	90	80.00	0	0.	0	0.
189	0	100.00	90	90.00	90	80.00	89	80.00	0	0.	0	0.
192	90	80.00	90	80.00	90	80.00	89	80.00	0	0.	0	0.
195	90	80.00	90	80.00	90	80.00	89	80.00	0	0.	0	0.
198	90	80.00	90	80.00	89	70.00	89	70.00	0	0.	0	0.
201	90	80.00	90	80.00	89	70.00	89	70.00	0	0.	0	0.
204	90	80.00	89	70.00	89	70.00	89	70.00	0	0.	0	0.

TABLE ~~3~~ 58 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
207	90	70.00	90	70.00	89	70.00	89	70.00	0	0.	0	0.
210	90	70.00	90	70.00	89	70.00	89	70.00	0	0.	0	0.
213	90	70.00	90	70.00	90	70.00	89	60.00	0	0.	0	0.
216	90	70.00	90	70.00	90	70.00	89	60.00	0	0.	0	0.
219	90	70.00	90	70.00	90	70.00	90	70.00	0	0.	0	0.
222	91	70.00	91	70.00	90	70.00	90	70.00	0	0.	0	0.
225	91	80.00	91	70.00	91	70.00	90	70.00	0	0.	0	0.
228	91	80.00	91	70.00	91	70.00	90	70.00	0	0.	0	0.
231	92	80.00	91	70.00	91	70.00	91	70.00	0	0.	0	0.
234	92	80.00	91	70.00	91	70.00	91	70.00	0	0.	0	0.
237	92	80.00	92	70.00	91	70.00	91	60.00	0	0.	0	0.
240	92	80.00	92	80.00	91	70.00	91	60.00	0	0.	0	0.
243	92	80.00	92	80.00	92	70.00	91	60.00	0	0.	0	0.
246	93	90.00	92	80.00	92	70.00	92	70.00	0	0.	0	0.
249	93	90.00	93	90.00	92	70.00	91	60.00	0	0.	0	0.
252	93	90.00	92	80.00	92	70.00	91	50.00	0	0.	0	0.
255	93	90.00	92	70.00	91	50.00	90	30.00	0	0.	0	0.
258	90	10.00	90	0.	90	0.	90	0.	0	0.	0	0.
261	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
264	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
267	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
270	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
273	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
276	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
279	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
282	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
285	91	10.00	91	0.	91	0.	91	0.	0	0.	0	0.
288	0	100.00	93	70.00	91	20.00	91	0.	0	0.	0	0.
291	0	100.00	0	100.00	0	100.00	92	70.00	0	0.	0	0.
294	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
297	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
300	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
303	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE ~~3~~ 58 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
309	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
312	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
315	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
318	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
321	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
324	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
327	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
330	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
333	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
336	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
339	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
342	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
345	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
348	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
351	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
354	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
357	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
360	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
AVERAGE SHIELDING		78.33		76.33		74.08		71.83		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		90		89		0		0

• 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
•• THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 58

SHIELDING OF TARGET AT POSITION C
RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
5	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
7	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
10	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
12	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
15	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
20	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
23	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
25	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
28	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
30	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
33	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
38	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
41	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
43	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
46	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
48	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
51	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
54	91	90.00	91	90.00	91	90.00	91	80.00	0	0.	0	0.
56	90	80.00	90	70.00	90	70.00	89	60.00	0	0.	0	0.
59	89	60.00	89	60.00	89	50.00	88	40.00	0	0.	0	0.
61	89	50.00	89	50.00	88	40.00	88	40.00	0	0.	0	0.
64	90	70.00	89	50.00	89	40.00	88	30.00	0	0.	0	0.
66	90	80.00	88	30.00	88	20.00	87	10.00	0	0.	0	0.
69	88	10.00	88	10.00	87	0.	87	0.	0	0.	0	0.
72	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
74	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
77	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
79	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
82	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
84	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
87	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.

TABLE 3 5F (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
90	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
92	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
95	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
97	86	0.	86	0.	86	0.	86	0.	0	0.	0	0.
100	87	50.00	86	20.00	85	0.	85	0.	0	0.	0	0.
102	0	100.00	87	90.00	87	60.00	86	40.00	0	0.	0	0.
105	0	100.00	0	100.00	0	100.00	87	80.00	0	0.	0	0.
108	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
110	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
113	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
115	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
118	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
120	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
123	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
126	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
128	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
131	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
133	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
136	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
138	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
141	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
144	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
146	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
149	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
151	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
154	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
156	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
159	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
162	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
164	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
167	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
169	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
172	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
174	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE 58 (CON,)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
177	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
180	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
182	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
185	0	100.00	0	100.00	0	100.00	90	90.00	0	0.	0	0.
187	0	100.00	0	100.00	90	90.00	90	90.00	0	0.	0	0.
190	0	100.00	0	100.00	90	90.00	90	80.00	0	0.	0	0.
192	0	100.00	90	90.00	90	80.00	90	80.00	0	0.	0	0.
195	90	90.00	90	80.00	90	80.00	90	80.00	0	0.	0	0.
198	90	80.00	90	80.00	90	80.00	89	70.00	0	0.	0	0.
200	90	80.00	90	80.00	89	70.00	89	70.00	0	0.	0	0.
203	90	80.00	90	70.00	89	70.00	89	70.00	0	0.	0	0.
205	90	70.00	90	70.00	89	70.00	89	70.00	0	0.	0	0.
208	90	70.00	90	70.00	89	70.00	89	70.00	0	0.	0	0.
210	90	70.00	90	70.00	89	70.00	89	70.00	0	0.	0	0.
213	90	70.00	90	70.00	89	70.00	89	60.00	0	0.	0	0.
216	90	70.00	90	70.00	89	60.00	89	60.00	0	0.	0	0.
218	90	70.00	90	70.00	89	60.00	89	60.00	0	0.	0	0.
221	90	70.00	90	70.00	90	70.00	89	60.00	0	0.	0	0.
223	90	70.00	90	70.00	90	60.00	90	60.00	0	0.	0	0.
226	91	70.00	91	70.00	90	70.00	90	60.00	0	0.	0	0.
228	91	70.00	91	70.00	90	60.00	90	60.00	0	0.	0	0.
231	91	70.00	91	70.00	91	70.00	90	60.00	0	0.	0	0.
234	91	70.00	91	70.00	91	70.00	91	60.00	0	0.	0	0.
236	91	70.00	91	70.00	91	70.00	91	60.00	0	0.	0	0.
239	92	70.00	91	70.00	91	70.00	91	60.00	0	0.	0	0.
241	92	80.00	92	70.00	91	70.00	91	60.00	0	0.	0	0.
244	92	80.00	92	70.00	92	70.00	91	60.00	0	0.	0	0.
246	92	80.00	92	80.00	92	70.00	91	60.00	0	0.	0	0.
249	92	80.00	92	80.00	92	70.00	91	60.00	0	0.	0	0.
252	93	90.00	92	80.00	92	70.00	91	60.00	0	0.	0	0.
254	92	80.00	92	70.00	92	60.00	91	40.00	0	0.	0	0.
257	92	70.00	91	50.00	91	30.00	90	0.	0	0.	0	0.
259	91	40.00	90	10.00	90	0.	90	0.	0	0.	0	0.
262	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.

TABLE 5-58 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
264	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
267	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
270	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
272	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
275	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
277	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
280	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
282	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
285	93	50.00	92	30.00	91	0.	91	0.	0	0.	0	0.
288	0	100.00	0	100.00	0	100.00	93	70.00	0	0.	0	0.
290	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
293	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
295	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
298	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
300	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
303	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
308	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
311	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
313	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
316	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
318	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
321	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
324	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
326	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
329	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
331	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
334	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
336	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
339	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
342	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
344	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
347	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
349	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

Sh. 19 of 25.

TABLE 5B (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
352	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
354	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
357	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
360	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
AVERAGE SHIELDING		78.21		76.36		74.36		72.07		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		90		89		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE 5

SHIELDING OF TARGET AT POSITION C
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
4	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
6	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
9	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
11	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
13	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
15	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
20	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
22	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
24	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
27	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
29	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
31	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
33	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
38	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
40	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
42	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
45	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
47	0	100.00	0	100.00	0	100.00	92	90.00	0	0.	0	0.
49	0	100.00	91	90.00	91	90.00	91	90.00	0	0.	0	0.
51	0	100.00	0	100.00	0	100.00	91	90.00	0	0.	0	0.
54	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
56	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
58	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
60	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
63	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
65	0	100.00	0	100.00	90	90.00	89	50.00	0	0.	0	0.
67	0	100.00	0	100.00	90	80.00	89	40.00	0	0.	0	0.
69	0	100.00	0	100.00	88	20.00	88	10.00	0	0.	0	0.
72	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
74	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
76	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.

TABLE ~~8~~ 58 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
78	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
81	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
83	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
85	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
87	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
90	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
92	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
94	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
96	86	0.	86	0.	86	0.	85	0.	0	0.	0	0.
99	86	20.00	86	0.	86	0.	85	0.	0	0.	0	0.
101	0	100.00	87	80.00	87	60.00	86	40.00	0	0.	0	0.
103	0	100.00	0	100.00	88	90.00	87	80.00	0	0.	0	0.
105	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
108	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
110	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
112	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
114	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
117	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
119	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
121	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
123	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
126	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
128	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
130	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
132	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
135	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
137	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
139	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
141	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
144	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
146	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
148	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
150	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
153	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE 5 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
155	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
157	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
159	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
162	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
164	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
166	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
168	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
171	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
173	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
175	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
177	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
180	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
182	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
184	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
186	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
189	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
191	0	100.00	0	100.00	0	100.00	90	90.00	0	0.	0	0.
193	0	100.00	0	100.00	90	90.00	90	80.00	0	0.	0	0.
195	0	100.00	0	100.00	90	80.00	90	80.00	0	0.	0	0.
198	0	100.00	0	100.00	90	80.00	90	80.00	0	0.	0	0.
200	0	100.00	90	90.00	90	80.00	90	80.00	0	0.	0	0.
202	90	90.00	90	80.00	90	70.00	89	70.00	0	0.	0	0.
204	90	80.00	90	70.00	89	70.00	89	70.00	0	0.	0	0.
207	90	70.00	90	70.00	89	70.00	89	70.00	0	0.	0	0.
209	90	70.00	90	70.00	89	70.00	89	70.00	0	0.	0	0.
211	90	70.00	90	70.00	89	70.00	89	60.00	0	0.	0	0.
213	90	70.00	90	70.00	89	70.00	89	60.00	0	0.	0	0.
216	90	70.00	90	70.00	89	60.00	89	60.00	0	0.	0	0.
218	90	70.00	90	70.00	89	60.00	89	60.00	0	0.	0	0.
220	90	70.00	90	70.00	89	60.00	89	60.00	0	0.	0	0.
222	90	60.00	90	60.00	90	60.00	89	60.00	0	0.	0	0.
225	90	70.00	90	60.00	90	60.00	90	60.00	0	0.	0	0.
227	90	70.00	90	60.00	90	60.00	90	60.00	0	0.	0	0.
229	91	70.00	90	60.00	90	60.00	90	60.00	0	0.	0	0.

TABLE 8 58 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
231	91	70.00	91	70.00	90	60.00	90	60.00	0	0.	0	0.
234	91	70.00	91	70.00	91	60.00	90	60.00	0	0.	0	0.
236	91	70.00	91	70.00	91	60.00	91	60.00	0	0.	0	0.
238	91	70.00	91	70.00	91	60.00	91	60.00	0	0.	0	0.
240	91	70.00	91	70.00	91	60.00	91	60.00	0	0.	0	0.
243	92	70.00	92	70.00	91	60.00	91	60.00	0	0.	0	0.
245	92	70.00	92	70.00	91	60.00	91	60.00	0	0.	0	0.
247	92	70.00	92	70.00	91	60.00	91	60.00	0	0.	0	0.
249	92	70.00	92	70.00	91	60.00	91	60.00	0	0.	0	0.
252	92	80.00	92	70.00	92	60.00	91	60.00	0	0.	0	0.
254	92	70.00	92	70.00	92	60.00	91	50.00	0	0.	0	0.
256	92	70.00	92	60.00	91	40.00	91	30.00	0	0.	0	0.
258	92	50.00	91	40.00	90	10.00	90	0.	0	0.	0	0.
261	91	20.00	91	0.	90	0.	90	0.	0	0.	0	0.
263	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
265	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
267	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
270	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
272	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
274	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
276	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
279	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
281	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
283	92	10.00	92	0.	91	0.	91	0.	0	0.	0	0.
285	0	100.00	93	70.00	93	50.00	92	30.00	0	0.	0	0.
288	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
290	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
292	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
294	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
297	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
299	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
301	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
303	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

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TABLE ~~3~~ 58 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
308	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
310	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
312	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
315	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
317	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
319	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
321	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
324	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
326	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
328	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
330	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
333	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
335	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
337	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
339	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
342	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
344	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
346	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
348	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
351	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
353	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
355	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
357	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
360	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
AVERAGE SHIELDING		80.50		79.25		76.62		75.19		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		90		89		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

Sheet 25

TABLE 59

SHIELDING OF TARGET AT POSITION D
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
18	88	0.	88	0.	86	0.	85	0.	0	0.	0	0.
36	89	0.	88	0.	87	0.	85	0.	0	0.	0	0.
54	89	0.	89	0.	87	0.	86	0.	0	0.	0	0.
72	89	0.	88	0.	86	0.	85	0.	0	0.	0	0.
90	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
108	89	0.	88	0.	86	0.	85	0.	0	0.	0	0.
126	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
144	87	0.	86	0.	85	0.	83	0.	0	0.	0	0.
162	81	0.	80	0.	79	0.	78	0.	0	0.	0	0.
180	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
198	83	0.	82	0.	80	0.	79	0.	0	0.	0	0.
216	90	0.	89	0.	88	0.	86	0.	0	0.	0	0.
234	95	10.00	94	0.	93	0.	92	0.	0	0.	0	0.
252	93	0.	92	0.	91	0.	89	0.	0	0.	0	0.
270	93	0.	92	0.	90	0.	89	0.	0	0.	0	0.
288	93	0.	92	0.	91	0.	89	0.	0	0.	0	0.
306	93	0.	93	0.	91	0.	90	0.	0	0.	0	0.
324	92	0.	91	0.	90	0.	88	0.	0	0.	0	0.
342	90	0.	89	0.	88	0.	86	0.	0	0.	0	0.
360	89	0.	88	0.	86	0.	85	0.	0	0.	0	0.
AVERAGE SHIELDING		0.50		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		89		87		86		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE NO 6
TABLE 59 (Sht 1 of 25)

TABLE 259
SHIELDING OF TARGET AT POSITION D
RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
9	88	40.00	86	20.00	85	0.	84	0.	0	0.	0	0.
18	89	50.00	87	30.00	85	0.	84	0.	0	0.	0	0.
27	0	100.00	92	80.00	85	0.	84	0.	0	0.	0	0.
36	85	0.	85	0.	84	0.	83	0.	0	0.	0	0.
45	86	0.	85	0.	85	0.	84	0.	0	0.	0	0.
54	87	0.	86	0.	86	0.	85	0.	0	0.	0	0.
63	88	0.	87	0.	87	0.	86	0.	0	0.	0	0.
72	88	0.	88	0.	87	0.	86	0.	0	0.	0	0.
81	88	0.	88	0.	87	0.	86	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
99	88	0.	87	0.	87	0.	86	0.	0	0.	0	0.
108	88	0.	88	0.	87	0.	86	0.	0	0.	0	0.
117	84	0.	84	0.	83	0.	82	0.	0	0.	0	0.
126	81	0.	80	0.	79	0.	79	0.	0	0.	0	0.
135	84	50.00	80	0.	79	0.	79	0.	0	0.	0	0.
144	86	70.00	84	50.00	81	20.00	79	0.	0	0.	0	0.
153	87	80.00	86	70.00	84	50.00	81	30.00	0	0.	0	0.
162	89	90.00	87	70.00	84	50.00	83	40.00	0	0.	0	0.
171	89	90.00	88	80.00	85	60.00	84	50.00	0	0.	0	0.
180	0	100.00	88	80.00	87	70.00	85	60.00	0	0.	0	0.
189	0	100.00	90	90.00	87	70.00	86	60.00	0	0.	0	0.
198	0	100.00	89	80.00	87	60.00	84	40.00	0	0.	0	0.
207	91	90.00	89	70.00	87	60.00	85	40.00	0	0.	0	0.
216	90	80.00	88	60.00	85	30.00	82	10.00	0	0.	0	0.
225	88	50.00	84	10.00	83	0.	82	0.	0	0.	0	0.
234	85	0.	84	0.	84	0.	83	0.	0	0.	0	0.
243	89	0.	88	0.	87	0.	87	0.	0	0.	0	0.
252	93	0.	93	0.	92	0.	91	0.	0	0.	0	0.
261	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
270	92	0.	92	0.	91	0.	90	0.	0	0.	0	0.
279	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
288	93	0.	92	0.	91	0.	91	0.	0	0.	0	0.
297	92	0.	91	0.	91	0.	90	0.	0	0.	0	0.
306	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.

TABLE 3 57 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 8 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
315	88	0.	88	0.	87	0.	86	0.	0	0.	0	0.
324	86	0.	86	0.	85	0.	84	0.	0	0.	0	0.
333	85	0.	84	0.	84	0.	83	0.	0	0.	0	0.
342	85	0.	84	0.	84	0.	83	0.	0	0.	0	0.
351	85	10.00	85	0.	84	0.	83	0.	0	0.	0	0.
360	87	30.00	85	10.00	84	0.	84	0.	0	0.	0	0.
AVERAGE SHIELDING		28.25		20.00		11.75		8.25		0.		0.
AVERAGE TARGET CONTACT ANGLE		88		87		86		85		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE ~~3~~ 59

SHIELDING OF TARGET AT POSITION D
RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
6	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
12	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
24	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
30	0	100.00	0	100.00	0	100.00	93	90.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	93	90.00	0	0.	0	0.
42	0	100.00	93	90.00	91	70.00	89	50.00	0	0.	0	0.
48	0	100.00	0	100.00	92	80.00	89	50.00	0	0.	0	0.
54	0	100.00	0	100.00	91	70.00	87	10.00	0	0.	0	0.
60	87	0.	87	0.	87	0.	86	0.	0	0.	0	0.
66	88	0.	87	0.	87	0.	86	0.	0	0.	0	0.
72	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
78	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
84	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
90	88	0.	87	0.	87	0.	86	0.	0	0.	0	0.
96	88	0.	87	0.	87	0.	86	0.	0	0.	0	0.
102	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
108	84	0.	84	0.	84	0.	83	0.	0	0.	0	0.
114	82	0.	82	0.	82	0.	81	0.	0	0.	0	0.
120	86	70.00	83	30.00	82	0.	81	0.	0	0.	0	0.
126	87	90.00	86	70.00	84	50.00	83	40.00	0	0.	0	0.
132	0	100.00	87	80.00	86	70.00	85	60.00	0	0.	0	0.
138	0	100.00	88	90.00	87	80.00	85	60.00	0	0.	0	0.
144	0	100.00	88	90.00	87	80.00	86	70.00	0	0.	0	0.
150	0	100.00	89	90.00	87	80.00	86	70.00	0	0.	0	0.
156	0	100.00	0	100.00	88	90.00	87	80.00	0	0.	0	0.
162	0	100.00	0	100.00	89	90.00	88	80.00	0	0.	0	0.
168	0	100.00	0	100.00	89	90.00	88	80.00	0	0.	0	0.
174	0	100.00	0	100.00	89	90.00	88	80.00	0	0.	0	0.
180	0	100.00	0	100.00	90	90.00	89	80.00	0	0.	0	0.
186	0	100.00	90	90.00	90	90.00	89	80.00	0	0.	0	0.
192	0	100.00	90	90.00	90	90.00	89	80.00	0	0.	0	0.
198	0	100.00	0	100.00	90	90.00	89	80.00	0	0.	0	0.
204	0	100.00	0	100.00	90	90.00	89	80.00	0	0.	0	0.

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TABLE 59 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
210	0	100.00	0	100.00	91	90.00	90	80.00	0	0.	0	0.
216	0	100.00	0	100.00	91	90.00	90	80.00	0	0.	0	0.
222	0	100.00	92	90.00	91	80.00	89	70.00	0	0.	0	0.
228	0	100.00	92	90.00	90	70.00	89	60.00	0	0.	0	0.
234	92	90.00	91	80.00	89	60.00	88	40.00	0	0.	0	0.
240	90	60.00	89	40.00	87	10.00	86	0.	0	0.	0	0.
246	88	0.	87	0.	87	0.	86	0.	0	0.	0	0.
252	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
258	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
264	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
270	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
276	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
282	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
288	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
294	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
300	89	0.	88	0.	88	0.	87	0.	0	0.	0	0.
306	87	0.	87	0.	86	0.	86	0.	0	0.	0	0.
312	86	0.	86	0.	86	0.	85	0.	0	0.	0	0.
318	87	30.00	86	0.	86	0.	85	0.	0	0.	0	0.
324	88	40.00	86	20.00	85	0.	85	0.	0	0.	0	0.
330	90	70.00	88	50.00	86	20.00	85	10.00	0	0.	0	0.
336	0	100.00	0	100.00	90	70.00	87	40.00	0	0.	0	0.
342	0	100.00	0	100.00	89	50.00	88	40.00	0	0.	0	0.
348	0	100.00	0	100.00	92	90.00	90	60.00	0	0.	0	0.
354	0	100.00	0	100.00	92	90.00	91	70.00	0	0.	0	0.
360	0	100.00	0	100.00	0	100.00	93	90.00	0	0.	0	0.
AVERAGE SHIELDING		59.17		54.83		46.83		39.17		0.		0.
AVERAGE TARGET CONTACT ANGLE		89		89		88		88		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 59

SHIELDING OF TARGET AT POSITION D
RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	WEIGHT OF BURST 0 CM
4	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
9	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
13	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
22	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
27	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
31	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
40	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
45	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
49	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
54	0	100.00	0	100.00	92	90.00	91	70.00	0	0.	0	0.
58	92	90.00	91	70.00	90	50.00	88	20.00	0	0.	0	0.
63	0	100.00	91	80.00	88	20.00	88	0.	0	0.	0	0.
67	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
72	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
76	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
81	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
85	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
90	87	0.	87	0.	87	0.	86	0.	0	0.	0	0.
94	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
99	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
103	85	0.	85	0.	84	0.	84	0.	0	0.	0	0.
108	85	40.00	84	0.	83	0.	83	0.	0	0.	0	0.
112	0	100.00	87	80.00	85	50.00	83	20.00	0	0.	0	0.
117	0	100.00	87	90.00	86	70.00	85	50.00	0	0.	0	0.
121	0	100.00	0	100.00	87	80.00	86	70.00	0	0.	0	0.
126	0	100.00	0	100.00	88	90.00	87	80.00	0	0.	0	0.
130	0	100.00	0	100.00	88	90.00	87	80.00	0	0.	0	0.
135	0	100.00	0	100.00	0	100.00	88	90.00	0	0.	0	0.
139	0	100.00	0	100.00	0	100.00	88	90.00	0	0.	0	0.
144	0	100.00	0	100.00	0	100.00	88	90.00	0	0.	0	0.
148	0	100.00	0	100.00	0	100.00	89	90.00	0	0.	0	0.
153	0	100.00	0	100.00	0	100.00	89	90.00	0	0.	0	0.

TABLE 59 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 8 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
157	0	100.00	0	100.00	0	100.00	89	90.00	0	0.	0	0.
162	0	100.00	0	100.00	0	100.00	89	90.00	0	0.	0	0.
166	0	100.00	0	100.00	0	100.00	89	90.00	0	0.	0	0.
171	0	100.00	0	100.00	90	90.00	89	90.00	0	0.	0	0.
175	0	100.00	0	100.00	90	90.00	89	90.00	0	0.	0	0.
180	0	100.00	0	100.00	90	90.00	89	90.00	0	0.	0	0.
184	0	100.00	90	90.00	90	90.00	89	80.00	0	0.	0	0.
189	0	100.00	90	90.00	90	90.00	89	80.00	0	0.	0	0.
193	91	90.00	90	90.00	90	90.00	89	80.00	0	0.	0	0.
198	91	90.00	91	90.00	90	80.00	89	80.00	0	0.	0	0.
202	91	90.00	91	90.00	90	80.00	90	80.00	0	0.	0	0.
207	91	90.00	91	90.00	90	80.00	90	80.00	0	0.	0	0.
211	91	90.00	91	90.00	90	80.00	90	80.00	0	0.	0	0.
216	91	90.00	91	90.00	90	80.00	90	80.00	0	0.	0	0.
220	92	90.00	91	90.00	91	80.00	90	80.00	0	0.	0	0.
225	92	90.00	92	90.00	91	80.00	90	70.00	0	0.	0	0.
229	92	90.00	92	90.00	91	80.00	90	70.00	0	0.	0	0.
234	0	100.00	92	90.00	91	80.00	90	70.00	0	0.	0	0.
238	0	100.00	92	90.00	91	70.00	90	60.00	0	0.	0	0.
243	92	90.00	92	80.00	90	60.00	89	40.00	0	0.	0	0.
247	91	70.00	90	50.00	89	30.00	88	0.	0	0.	0	0.
252	89	10.00	89	0.	88	0.	88	0.	0	0.	0	0.
256	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
261	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
265	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
270	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
274	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
279	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
283	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
288	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
292	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
297	90	30.00	89	0.	88	0.	88	0.	0	0.	0	0.
301	0	100.00	88	20.00	87	0.	87	0.	0	0.	0	0.
306	0	100.00	90	60.00	87	10.00	87	0.	0	0.	0	0.

TABLE 59 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
310	90	60.00	88	40.00	87	10.00	86	0.	0	0.	0	0.
315	91	90.00	90	70.00	89	50.00	88	30.00	0	0.	0	0.
319	0	100.00	91	90.00	89	60.00	88	40.00	0	0.	0	0.
324	0	100.00	0	100.00	0	100.00	91	90.00	0	0.	0	0.
328	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
333	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
337	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
342	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
346	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
351	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
355	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
360	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
AVERAGE SHIELDING		72.37		67.50		61.12		55.87		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		89		88		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

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TABLE ~~3~~ 59

SHIELDING OF TARGET AT POSITION D
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
7	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
10	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
14	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
21	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
25	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
28	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
32	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
39	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
43	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
46	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
50	0	100.00	0	100.00	0	100.00	93	90.00	0	0.	0	0.
54	0	100.00	0	100.00	93	90.00	92	80.00	0	0.	0	0.
57	91	70.00	90	60.00	90	50.00	89	40.00	0	0.	0	0.
61	89	40.00	89	30.00	88	10.00	88	0.	0	0.	0	0.
64	88	20.00	88	10.00	88	0.	87	0.	0	0.	0	0.
68	88	10.00	88	0.	87	0.	87	0.	0	0.	0	0.
72	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
75	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
79	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
82	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
86	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
90	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
93	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
97	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
100	86	0.	85	0.	85	0.	85	0.	0	0.	0	0.
104	86	40.00	85	10.00	84	0.	84	0.	0	0.	0	0.
108	0	100.00	87	90.00	86	60.00	85	40.00	0	0.	0	0.
111	0	100.00	0	100.00	87	90.00	87	80.00	0	0.	0	0.
115	0	100.00	0	100.00	0	100.00	87	90.00	0	0.	0	0.
118	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
122	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE 3 59 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
126	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
129	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
133	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
136	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
140	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
144	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
147	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
151	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
154	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
158	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
162	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
165	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
169	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
172	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
176	0	100.00	0	100.00	0	100.00	90	90.00	0	0.	0	0.
180	0	100.00	0	100.00	0	100.00	90	90.00	0	0.	0	0.
183	0	100.00	0	100.00	90	90.00	90	90.00	0	0.	0	0.
187	0	100.00	90	90.00	90	90.00	90	90.00	0	0.	0	0.
190	91	90.00	90	90.00	90	90.00	89	80.00	0	0.	0	0.
194	91	90.00	90	90.00	90	90.00	89	80.00	0	0.	0	0.
198	91	90.00	90	90.00	90	80.00	89	80.00	0	0.	0	0.
201	91	90.00	90	90.00	90	80.00	90	80.00	0	0.	0	0.
205	91	90.00	90	90.00	90	80.00	90	80.00	0	0.	0	0.
208	91	90.00	90	80.00	90	80.00	90	80.00	0	0.	0	0.
212	91	90.00	90	80.00	90	80.00	90	80.00	0	0.	0	0.
216	91	90.00	90	80.00	90	80.00	90	80.00	0	0.	0	0.
219	91	90.00	91	80.00	90	80.00	90	80.00	0	0.	0	0.
223	91	90.00	91	80.00	91	80.00	90	80.00	0	0.	0	0.
226	92	90.00	91	90.00	91	80.00	91	80.00	0	0.	0	0.
230	92	90.00	92	90.00	91	80.00	90	70.00	0	0.	0	0.
234	92	90.00	92	90.00	91	80.00	91	70.00	0	0.	0	0.
237	92	90.00	92	90.00	92	80.00	91	70.00	0	0.	0	0.
241	0	100.00	92	90.00	92	80.00	91	70.00	0	0.	0	0.
244	0	100.00	92	90.00	92	80.00	91	60.00	0	0.	0	0.

TABLE # 57 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
248	93	90.00	92	80.00	91	60.00	90	50.00	0	0.	0	0.
252	92	90.00	92	70.00	90	40.00	89	20.00	0	0.	0	0.
255	90	20.00	89	0.	89	0.	89	0.	0	0.	0	0.
259	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
262	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
266	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
270	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
273	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
277	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
280	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
284	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
288	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
291	90	20.00	90	0.	89	0.	89	0.	0	0.	0	0.
295	0	100.00	90	40.00	89	10.00	89	0.	0	0.	0	0.
298	0	100.00	0	100.00	91	80.00	90	40.00	0	0.	0	0.
302	0	100.00	0	100.00	0	100.00	91	90.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
309	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
313	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
316	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
320	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
324	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
327	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
331	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
334	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
338	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
342	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
345	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
349	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
352	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
356	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
360	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
AVERAGE SHIELDING		75.60		72.70		69.70		67.00		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		90		89		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 57

SHIELDING OF TARGET AT POSITION D

RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
6	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
9	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
12	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
15	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
21	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
24	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
27	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
30	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
33	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
39	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
42	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
45	0	100.00	0	100.00	0	100.00	93	90.00	0	0.	0	0.
48	93	90.00	92	90.00	92	80.00	92	80.00	0	0.	0	0.
51	91	70.00	91	70.00	90	60.00	90	50.00	0	0.	0	0.
54	90	50.00	89	40.00	89	40.00	89	30.00	0	0.	0	0.
57	89	30.00	89	30.00	88	20.00	88	10.00	0	0.	0	0.
60	89	40.00	88	20.00	88	10.00	88	10.00	0	0.	0	0.
63	89	50.00	88	10.00	88	0.	87	0.	0	0.	0	0.
66	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
69	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
72	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
75	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
78	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
81	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
84	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
87	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
90	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
93	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
96	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
99	86	0.	86	0.	86	0.	85	0.	0	0.	0	0.
102	86	40.00	85	10.00	85	0.	85	0.	0	0.	0	0.

TABLE ~~8~~ 59 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
105	0	100.00	87	80.00	86	60.00	85	30.00	0	0.	0	0.
108	0	100.00	0	100.00	87	90.00	87	80.00	0	0.	0	0.
111	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
114	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
117	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
120	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
123	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
126	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
129	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
132	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
135	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
138	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
141	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
144	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
147	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
150	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
153	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
156	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
159	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
162	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
165	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
168	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
171	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
174	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
177	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
180	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
183	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
186	0	100.00	0	100.00	0	100.00	90	90.00	0	0.	0	0.
189	0	100.00	0	100.00	91	90.00	90	90.00	0	0.	0	0.
192	0	100.00	91	90.00	90	90.00	90	90.00	0	0.	0	0.
195	0	100.00	91	90.00	90	90.00	90	90.00	0	0.	0	0.
198	91	90.00	91	90.00	90	90.00	90	80.00	0	0.	0	0.
201	91	90.00	90	90.00	90	80.00	90	80.00	0	0.	0	0.
204	91	90.00	90	80.00	90	80.00	90	80.00	0	0.	0	0.

TABLE ~~3~~ 59 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
207	90	80.00	90	80.00	90	80.00	90	80.00	0	0.	0	0.
210	90	80.00	90	80.00	90	80.00	90	80.00	0	0.	0	0.
213	90	80.00	90	80.00	90	80.00	89	70.00	0	0.	0	0.
216	90	80.00	90	80.00	90	80.00	90	80.00	0	0.	0	0.
219	91	80.00	91	80.00	90	80.00	90	70.00	0	0.	0	0.
222	91	80.00	91	80.00	90	80.00	90	70.00	0	0.	0	0.
225	91	80.00	91	80.00	91	80.00	90	80.00	0	0.	0	0.
228	92	90.00	91	80.00	91	80.00	90	70.00	0	0.	0	0.
231	92	90.00	91	80.00	91	80.00	91	70.00	0	0.	0	0.
234	92	90.00	92	80.00	91	80.00	91	80.00	0	0.	0	0.
237	92	90.00	92	80.00	91	80.00	91	70.00	0	0.	0	0.
240	92	90.00	92	90.00	92	80.00	91	70.00	0	0.	0	0.
243	92	90.00	92	90.00	92	80.00	91	70.00	0	0.	0	0.
246	0	100.00	92	90.00	92	80.00	91	70.00	0	0.	0	0.
249	0	100.00	93	90.00	92	80.00	92	70.00	0	0.	0	0.
252	0	100.00	92	90.00	92	70.00	91	60.00	0	0.	0	0.
255	0	100.00	92	80.00	91	50.00	90	20.00	0	0.	0	0.
258	91	40.00	90	20.00	90	0.	89	0.	0	0.	0	0.
261	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
264	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
267	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
270	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
273	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
276	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
279	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
282	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
285	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
288	0	100.00	92	60.00	90	10.00	90	0.	0	0.	0	0.
291	0	100.00	0	100.00	92	70.00	91	30.00	0	0.	0	0.
294	0	100.00	0	100.00	0	100.00	92	80.00	0	0.	0	0.
297	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
300	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
303	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

Sheet 2 of 5

TABLE 59 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
309	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
312	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
315	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
318	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
321	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
324	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
327	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
330	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
333	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
336	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
339	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
342	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
345	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
348	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
351	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
354	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
357	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
360	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
AVERAGE SHIELDING		77.33		74.83		72.33		69.75		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		90		89		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE ~~7~~ 59

SHIELDING OF TARGET AT POSITION D

RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
5	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
7	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
10	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
12	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
15	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
20	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
23	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
25	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
28	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
30	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
33	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
38	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
41	93	90.00	93	90.00	93	90.00	92	80.00	0	0.	0	0.
43	92	80.00	92	80.00	92	80.00	91	70.00	0	0.	0	0.
46	91	70.00	91	70.00	91	60.00	90	60.00	0	0.	0	0.
48	0	100.00	0	100.00	0	100.00	91	70.00	0	0.	0	0.
51	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
54	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
56	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
59	0	100.00	0	100.00	0	100.00	90	60.00	0	0.	0	0.
61	0	100.00	0	100.00	90	70.00	89	30.00	0	0.	0	0.
64	0	100.00	0	100.00	90	90.00	89	40.00	0	0.	0	0.
66	0	100.00	0	100.00	88	20.00	88	0.	0	0.	0	0.
69	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
72	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
74	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
77	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
79	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
82	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
84	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
87	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.

TABLE ~~3~~ 59 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
90	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
92	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
95	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
97	86	0.	86	0.	85	0.	85	0.	0	0.	0	0.
100	86	20.00	85	0.	85	0.	85	0.	0	0.	0	0.
102	0	100.00	87	80.00	86	50.00	86	40.00	0	0.	0	0.
105	0	100.00	0	100.00	88	90.00	87	70.00	0	0.	0	0.
108	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
110	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
113	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
115	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
118	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
120	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
123	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
126	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
128	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
131	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
133	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
136	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
138	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
141	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
144	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
146	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
149	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
151	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
154	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
156	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
159	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
162	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
164	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
167	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
169	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
172	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
174	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE 57 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
177	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
180	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
182	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
185	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
187	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
190	0	100.00	0	100.00	0	100.00	91	90.00	0	0.	0	0.
192	0	100.00	0	100.00	0	100.00	91	90.00	0	0.	0	0.
195	0	100.00	0	100.00	91	90.00	90	90.00	0	0.	0	0.
198	0	100.00	91	90.00	90	90.00	90	90.00	0	0.	0	0.
200	91	90.00	91	90.00	90	90.00	90	80.00	0	0.	0	0.
203	91	90.00	90	80.00	90	80.00	90	80.00	0	0.	0	0.
205	90	80.00	90	80.00	90	80.00	90	80.00	0	0.	0	0.
208	90	80.00	90	80.00	90	80.00	90	80.00	0	0.	0	0.
210	90	80.00	90	80.00	90	80.00	90	80.00	0	0.	0	0.
213	90	80.00	90	80.00	90	80.00	89	70.00	0	0.	0	0.
216	90	80.00	90	80.00	90	80.00	89	70.00	0	0.	0	0.
218	90	80.00	90	80.00	90	80.00	90	70.00	0	0.	0	0.
221	90	80.00	90	80.00	90	80.00	90	70.00	0	0.	0	0.
223	91	80.00	90	80.00	90	70.00	90	70.00	0	0.	0	0.
226	91	80.00	91	80.00	90	80.00	90	70.00	0	0.	0	0.
228	91	80.00	91	80.00	90	70.00	90	70.00	0	0.	0	0.
231	91	80.00	91	80.00	91	80.00	91	70.00	0	0.	0	0.
234	91	80.00	91	80.00	91	80.00	91	70.00	0	0.	0	0.
236	92	80.00	92	80.00	91	80.00	91	70.00	0	0.	0	0.
239	92	80.00	92	80.00	91	80.00	91	70.00	0	0.	0	0.
241	92	90.00	92	80.00	92	80.00	91	70.00	0	0.	0	0.
244	92	90.00	92	80.00	92	80.00	91	70.00	0	0.	0	0.
246	92	90.00	92	80.00	92	80.00	91	70.00	0	0.	0	0.
249	93	90.00	93	90.00	92	80.00	92	70.00	0	0.	0	0.
252	0	100.00	93	90.00	92	80.00	92	70.00	0	0.	0	0.
254	0	100.00	93	90.00	92	70.00	91	60.00	0	0.	0	0.
257	0	100.00	92	80.00	91	50.00	91	30.00	0	0.	0	0.
259	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
262	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.

TABLE ~~5~~ 57 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
264	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
267	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
270	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
272	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
275	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
277	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
280	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
282	92	30.00	91	0.	91	0.	91	0.	0	0.	0	0.
285	0	100.00	93	90.00	92	50.00	91	10.00	0	0.	0	0.
288	0	100.00	0	100.00	0	100.00	93	80.00	0	0.	0	0.
290	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
293	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
295	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
298	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
300	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
303	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
308	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
311	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
313	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
316	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
318	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
321	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
324	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
326	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
329	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
331	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
334	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
336	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
339	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
342	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
344	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
347	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
349	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

SA. 10 of 25

TABLE ~~8~~ 57 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARSET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
352	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
354	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
357	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
360	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
AVERAGE SHIELDING		81.07		79.86		77.64		74.14		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE ~~3~~ 59

SHIELDING OF TARGET AT POSITION D

RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
4	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
6	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
9	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
11	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
13	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
15	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
20	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
22	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
24	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
27	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
29	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
31	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
33	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
38	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
40	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
42	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
45	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
47	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
49	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
51	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
54	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
56	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
58	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
60	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
63	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
65	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
67	0	100.00	0	100.00	0	100.00	89	70.00	0	0.	0	0.
69	0	100.00	0	100.00	89	50.00	88	0.	0	0.	0	0.
72	0	100.00	88	40.00	87	0.	87	0.	0	0.	0	0.
74	89	80.00	88	30.00	87	0.	87	0.	0	0.	0	0.
76	89	70.00	87	20.00	87	0.	87	0.	0	0.	0	0.

TABLE ~~8~~ 59 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE• DEG	HEIGHT OF BURST•• 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
78	86	30.00	87	0.	87	0.	87	0.	0	0.	0	0.
81	87	10.00	87	0.	87	0.	87	0.	0	0.	0	0.
83	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
85	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
87	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
90	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
92	87	10.00	87	0.	87	0.	87	0.	0	0.	0	0.
94	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
96	86	0.	86	0.	86	0.	85	0.	0	0.	0	0.
99	87	70.00	86	30.00	86	0.	85	0.	0	0.	0	0.
101	0	100.00	87	80.00	87	50.00	86	30.00	0	0.	0	0.
103	0	100.00	0	100.00	87	80.00	87	70.00	0	0.	0	0.
105	0	100.00	0	100.00	0	100.00	88	90.00	0	0.	0	0.
108	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
110	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
112	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
114	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
117	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
119	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
121	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
123	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
126	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
128	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
130	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
132	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
135	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
137	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
139	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
141	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
144	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
146	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
148	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
150	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
153	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE 59 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
155	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
157	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
159	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
162	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
164	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
166	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
168	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
171	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
173	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
175	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
177	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
180	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
182	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
184	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
186	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
189	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
191	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
193	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
195	0	100.00	0	100.00	0	100.00	91	90.00	0	0,	0	0,
198	0	100.00	0	100.00	91	90.00	91	90.00	0	0,	0	0,
200	0	100.00	91	90.00	91	90.00	90	90.00	0	0,	0	0,
202	91	90.00	91	90.00	90	80.00	90	80.00	0	0,	0	0,
204	0	100.00	90	90.00	90	80.00	90	80.00	0	0,	0	0,
207	91	90.00	90	80.00	90	80.00	90	80.00	0	0,	0	0,
209	90	80.00	90	80.00	90	80.00	90	80.00	0	0,	0	0,
211	90	80.00	90	80.00	90	80.00	90	80.00	0	0,	0	0,
213	90	80.00	90	80.00	90	80.00	89	70.00	0	0,	0	0,
216	90	80.00	90	80.00	90	80.00	89	70.00	0	0,	0	0,
218	90	80.00	90	80.00	90	70.00	89	70.00	0	0,	0	0,
220	90	80.00	90	80.00	90	70.00	90	70.00	0	0,	0	0,
222	90	80.00	90	70.00	90	70.00	90	70.00	0	0,	0	0,
225	90	80.00	90	70.00	90	70.00	90	70.00	0	0,	0	0,
227	90	70.00	90	70.00	90	70.00	90	70.00	0	0,	0	0,
229	91	80.00	90	70.00	90	70.00	90	70.00	0	0,	0	0,

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
231	91	80.00	91	70.00	90	70.00	90	70.00	0	0.	0	0.
234	91	80.00	91	80.00	91	70.00	91	70.00	0	0.	0	0.
236	91	80.00	91	80.00	91	70.00	91	70.00	0	0.	0	0.
238	92	80.00	91	80.00	91	70.00	91	70.00	0	0.	0	0.
240	92	80.00	92	80.00	91	70.00	91	70.00	0	0.	0	0.
243	92	80.00	92	80.00	91	70.00	91	70.00	0	0.	0	0.
245	92	80.00	92	80.00	91	70.00	91	70.00	0	0.	0	0.
247	92	80.00	92	80.00	92	70.00	91	70.00	0	0.	0	0.
249	92	80.00	92	80.00	92	70.00	92	70.00	0	0.	0	0.
252	93	90.00	92	80.00	92	80.00	92	70.00	0	0.	0	0.
254	93	90.00	92	80.00	92	70.00	91	60.00	0	0.	0	0.
256	92	90.00	92	80.00	92	60.00	91	50.00	0	0.	0	0.
258	92	70.00	92	60.00	91	30.00	90	10.00	0	0.	0	0.
261	91	40.00	91	10.00	90	0.	90	0.	0	0.	0	0.
263	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
265	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
267	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
270	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
272	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
274	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
276	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
279	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
281	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
283	93	60.00	92	40.00	92	20.00	91	0.	0	0.	0	0.
285	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
288	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
290	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
292	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
294	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
297	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
299	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
301	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
303	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE 3 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
308	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
310	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
312	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
315	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
317	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
319	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
321	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
324	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
326	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
328	0	100.00	0	100.00	0	100 00	0	100.00	0	0.	0	0.
330	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
333	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
335	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
337	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
339	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
342	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
344	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
346	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
348	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
351	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
353	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
355	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
357	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
360	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
AVERAGE SHIELDING		85.00		82.31		79.62		78.19		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		90		89		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE ~~5~~ 60

SHIELDING OF TARGET AT POSITION E
RANGE 10 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
18	89	0.	88	0.	87	0.	85	0.	0	0.	0	0.
36	90	0.	89	0.	87	0.	86	0.	0	0.	0	0.
54	90	0.	89	0.	87	0.	86	0.	0	0.	0	0.
72	89	0.	88	0.	87	0.	85	0.	0	0.	0	0.
90	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
108	89	0.	88	0.	86	0.	85	0.	0	0.	0	0.
126	90	0.	90	0.	88	0.	87	0.	0	0.	0	0.
144	87	0.	86	0.	85	0.	83	0.	0	0.	0	0.
162	81	0.	81	0.	79	0.	78	0.	0	0.	0	0.
180	91	0.	90	0.	88	0.	87	0.	0	0.	0	0.
198	83	0.	82	0.	81	0.	79	0.	0	0.	0	0.
216	89	0.	89	0.	87	0.	86	0.	0	0.	0	0.
234	95	10.00	94	0.	93	0.	91	0.	0	0.	0	0.
252	93	0.	92	0.	91	0.	89	0.	0	0.	0	0.
270	93	0.	92	0.	91	0.	89	0.	0	0.	0	0.
288	93	0.	92	0.	91	0.	89	0.	0	0.	0	0.
306	93	0.	92	0.	91	0.	90	0.	0	0.	0	0.
324	92	0.	91	0.	90	0.	88	0.	0	0.	0	0.
342	90	0.	89	0.	88	0.	86	0.	0	0.	0	0.
360	89	0.	88	0.	87	0.	85	0.	0	0.	0	0.
AVERAGE SHIELDING		0.50		0.		0.		0.		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		89		88		86		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

SITE NO 6

TABLE 60 (Sh. 1 of 25)

TABLE 60

SHIELDING OF TARGET AT POSITION E

RANGE 20 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
9	95	90.00	93	70.00	89	40.00	86	10.00	0	0.	0	0.
18	95	90.00	93	70.00	90	40.00	86	0.	0	0.	0	0.
27	0	100.00	0	100.00	90	40.00	86	0.	0	0.	0	0.
36	87	0.	87	0.	86	0.	85	0.	0	0.	0	0.
45	88	0.	87	0.	86	0.	86	0.	0	0.	0	0.
54	88	0.	88	0.	87	0.	86	0.	0	0.	0	0.
63	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
72	89	0.	88	0.	87	0.	87	0.	0	0.	0	0.
81	88	0.	88	0.	87	0.	86	0.	0	0.	0	0.
90	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.
99	88	0.	87	0.	87	0.	86	0.	0	0.	0	0.
108	88	0.	88	0.	87	0.	86	0.	0	0.	0	0.
117	84	0.	83	0.	83	0.	82	0.	0	0.	0	0.
126	80	0.	80	0.	79	0.	79	0.	0	0.	0	0.
135	84	50.00	80	10.00	79	0.	79	0.	0	0.	0	0.
144	86	70.00	84	50.00	81	30.00	79	10.00	0	0.	0	0.
153	88	90.00	86	70.00	84	50.00	81	30.00	0	0.	0	0.
162	89	90.00	86	70.00	84	50.00	83	40.00	0	0.	0	0.
171	89	90.00	88	80.00	85	60.00	84	50.00	0	0.	0	0.
180	89	90.00	88	80.00	86	60.00	84	50.00	0	0.	0	0.
189	90	90.00	89	80.00	86	60.00	85	50.00	0	0.	0	0.
198	90	90.00	89	80.00	87	60.00	84	40.00	0	0.	0	0.
207	90	90.00	88	70.00	86	50.00	83	30.00	0	0.	0	0.
216	89	70.00	87	50.00	84	20.00	82	0.	0	0.	0	0.
225	86	40.00	84	0.	83	0.	82	0.	0	0.	0	0.
234	84	0.	84	0.	83	0.	83	0.	0	0.	0	0.
243	89	0.	88	0.	87	0.	87	0.	0	0.	0	0.
252	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
261	93	0.	92	0.	91	0.	91	0.	0	0.	0	0.
270	92	0.	92	0.	91	0.	90	0.	0	0.	0	0.
279	93	0.	92	0.	91	0.	91	0.	0	0.	0	0.
288	93	0.	92	0.	92	0.	91	0.	0	0.	0	0.
297	92	0.	91	0.	91	0.	90	0.	0	0.	0	0.
306	90	0.	90	0.	89	0.	88	0.	0	0.	0	0.

TABLE ~~3~~ 60 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
315	88	0.	88	0.	87	0.	86	0.	0	0.	0	0.
324	87	0.	86	0.	86	0.	85	0.	0	0.	0	0.
333	87	10.00	86	0.	85	0.	85	0.	0	0.	0	0.
342	88	20.00	87	0.	86	0.	85	0.	0	0.	0	0.
351	92	60.00	89	40.00	86	10.00	85	0.	0	0.	0	0.
360	95	90.00	92	70.00	89	40.00	86	0.	0	0.	0	0.
AVERAGE SHIELDING		33.00		24.75		15.25		7.75		0.		0.
AVERAGE TARGET CONTACT ANGLE		89		88		87		85		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

Sh. 3 of 5

TABLE 3 60

SHIELDING OF TARGET AT POSITION E

RANGE 30 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
6	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
12	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
24	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
30	0	100.00	0	100.00	0	100.00	95	90.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	94	80.00	0	0.	0	0.
42	94	80.00	93	70.00	91	50.00	90	30.00	0	0.	0	0.
48	0	100.00	93	80.00	91	50.00	89	20.00	0	0.	0	0.
54	0	100.00	92	70.00	88	10.00	88	0.	0	0.	0	0.
60	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
66	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
72	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
78	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
84	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
90	88	0.	87	0.	87	0.	86	0.	0	0.	0	0.
96	88	0.	87	0.	87	0.	86	0.	0	0.	0	0.
102	88	0.	87	0.	87	0.	86	0.	0	0.	0	0.
108	84	0.	84	0.	84	0.	83	0.	0	0.	0	0.
114	83	10.00	82	0.	82	0.	82	0.	0	0.	0	0.
120	87	80.00	85	60.00	83	30.00	82	0.	0	0.	0	0.
126	0	100.00	87	90.00	86	70.00	84	50.00	0	0.	0	0.
132	0	100.00	88	90.00	87	80.00	85	60.00	0	0.	0	0.
138	0	100.00	88	90.00	87	80.00	86	70.00	0	0.	0	0.
144	0	100.00	0	100.00	88	90.00	86	70.00	0	0.	0	0.
150	0	100.00	0	100.00	88	90.00	87	80.00	0	0.	0	0.
156	0	100.00	0	100.00	89	90.00	88	80.00	0	0.	0	0.
162	0	100.00	0	100.00	89	90.00	88	80.00	0	0.	0	0.
168	0	100.00	0	100.00	89	90.00	88	80.00	0	0.	0	0.
174	0	100.00	0	100.00	89	90.00	88	80.00	0	0.	0	0.
180	0	100.00	0	100.00	90	90.00	89	80.00	0	0.	0	0.
186	0	100.00	0	100.00	90	90.00	89	80.00	0	0.	0	0.
192	0	100.00	0	100.00	90	90.00	89	80.00	0	0.	0	0.
198	0	100.00	0	100.00	90	90.00	89	80.00	0	0.	0	0.
204	0	100.00	0	100.00	90	90.00	89	80.00	0	0.	0	0.

TABLE 3 60 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 8 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
210	0	100.00	0	100.00	91	90.00	90	80.00	0	0.	0	0.
216	0	100.00	0	100.00	91	90.00	90	80.00	0	0.	0	0.
222	0	100.00	0	100.00	90	80.00	89	70.00	0	0.	0	0.
228	0	100.00	91	90.00	90	70.00	89	60.00	0	0.	0	0.
234	0	100.00	91	80.00	89	60.00	88	40.00	0	0.	0	0.
240	90	70.00	88	40.00	86	10.00	86	0.	0	0.	0	0.
246	87	0.	87	0.	86	0.	86	0.	0	0.	0	0.
252	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
258	93	0.	93	0.	92	0.	92	0.	0	0.	0	0.
264	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
270	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
276	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
282	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
288	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
294	91	0.	90	0.	90	0.	89	0.	0	0.	0	0.
300	89	0.	89	0.	88	0.	88	0.	0	0.	0	0.
306	87	0.	87	0.	87	0.	86	0.	0	0.	0	0.
312	87	0.	87	0.	86	0.	86	0.	0	0.	0	0.
318	87	0.	86	0.	86	0.	85	0.	0	0.	0	0.
324	87	10.00	87	0.	86	0.	86	0.	0	0.	0	0.
330	89	40.00	88	20.00	87	0.	86	0.	0	0.	0	0.
336	0	100.00	91	60.00	90	40.00	89	30.00	0	0.	0	0.
342	0	100.00	94	90.00	92	60.00	90	40.00	0	0.	0	0.
348	0	100.00	0	100.00	94	90.00	93	70.00	0	0.	0	0.
354	0	100.00	0	100.00	0	100.00	94	80.00	0	0.	0	0.
360	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
AVERAGE SHIELDING		58.17		53.83		45.83		38.67		0.		0.
AVERAGE TARGET CONTACT ANGLE		89		89		89		88		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT

** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

Th. 5 of 15

TABLE 60

SHIELDING OF TARGET AT POSITION E

RANGE 40 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
4	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
9	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
13	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
22	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
27	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
31	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
40	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
45	0	100.00	0	100.00	94	90.00	93	80.00	0	0.	0	0.
49	91	50.00	91	50.00	90	30.00	89	20.00	0	0.	0	0.
54	90	30.00	89	20.00	88	0.	88	0.	0	0.	0	0.
58	89	20.00	88	0.	88	0.	87	0.	0	0.	0	0.
63	88	10.00	88	0.	88	0.	87	0.	0	0.	0	0.
67	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
72	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
76	88	0.	88	0.	88	0.	87	0.	0	0.	0	0.
81	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
85	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
90	87	0.	87	0.	87	0.	86	0.	0	0.	0	0.
94	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
99	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
103	85	0.	85	0.	85	0.	84	0.	0	0.	0	0.
108	85	40.00	84	0.	84	0.	83	0.	0	0.	0	0.
112	0	100.00	87	80.00	85	50.00	84	20.00	0	0.	0	0.
117	0	100.00	0	100.00	37	80.00	86	60.00	0	0.	0	0.
121	0	100.00	0	100.00	0	100.00	87	80.00	0	0.	0	0.
126	0	100.00	0	100.00	0	100.00	88	90.00	0	0.	0	0.
130	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
135	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
139	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
144	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
148	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
153	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

Sh. 6 of 7

TABLE 60 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
157	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
162	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
166	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
171	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
175	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
180	0	100.00	0	100.00	0	100.00	90	90.00	0	0.	0	0.
184	0	100.00	0	100.00	0	100.00	90	90.00	0	0.	0	0.
189	0	100.00	0	100.00	90	90.00	90	90.00	0	0.	0	0.
193	0	100.00	0	100.00	90	90.00	90	90.00	0	0.	0	0.
198	0	100.00	0	100.00	90	90.00	90	80.00	0	0.	0	0.
202	0	100.00	91	90.00	91	90.00	90	80.00	0	0.	0	0.
207	0	100.00	91	90.00	91	90.00	90	80.00	0	0.	0	0.
211	0	100.00	91	90.00	91	90.00	90	80.00	0	0.	0	0.
216	0	100.00	91	90.00	91	90.00	90	80.00	0	0.	0	0.
220	0	100.00	91	90.00	91	90.00	90	80.00	0	0.	0	0.
225	0	100.00	0	100.00	91	90.00	90	80.00	0	0.	0	0.
229	0	100.00	0	100.00	91	90.00	91	80.00	0	0.	0	0.
234	0	100.00	0	100.00	91	90.00	91	80.00	0	0.	0	0.
238	0	100.00	0	100.00	91	80.00	90	70.00	0	0.	0	0.
243	0	100.00	92	90.00	91	70.00	89	50.00	0	0.	0	0.
247	92	80.00	91	60.00	89	30.00	88	10.00	0	0.	0	0.
252	89	20.00	88	0.	88	0.	88	0.	0	0.	0	0.
256	90	0.	90	0.	90	0.	89	0.	0	0.	0	0.
261	93	0.	92	0.	92	0.	92	0.	0	0.	0	0.
265	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
270	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
274	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
279	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
283	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
288	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
292	89	0.	89	0.	89	0.	88	0.	0	0.	0	0.
297	88	0.	88	0.	88	0.	87	0.	0	0.	0	0.
301	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
306	89	30.00	88	0.	87	0.	87	0.	0	0.	0	0.

TABLE ~~5~~ 60 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 8 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
310	90	60.00	89	40.00	88	20.00	87	0.	0	0.	0	0.
315	0	100.00	0	100.00	91	90.00	89	40.00	0	0.	0	0.
319	0	100.00	0	100.00	91	90.00	90	60.00	0	0.	0	0.
324	0	100.00	0	100.00	0	100.00	91	80.00	0	0.	0	0.
328	0	100.00	0	100.00	0	100.00	92	80.00	0	0.	0	0.
333	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
337	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
342	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
346	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
351	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
355	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
360	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
AVERAGE SHIELDING		68.00		64.87		61.50		56.50		0.		0.
AVERAGE TARGET CONTACT ANGLE		89		89		89		89		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 60

SHIELDING OF TARGET AT POSITION E
RANGE 50 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
7	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
10	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
14	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
21	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
25	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
28	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
32	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	95	90.00	0	0.	0	0.
39	94	60.00	94	80.00	93	70.00	93	70.00	0	0.	0	0.
43	92	60.00	92	50.00	91	50.00	91	40.00	0	0.	0	0.
46	90	40.00	90	30.00	90	30.00	89	20.00	0	0.	0	0.
50	89	20.00	89	20.00	88	10.00	88	0.	0	0.	0	0.
54	88	10.00	88	0.	88	0.	88	0.	0	0.	0	0.
57	88	0.	88	0.	88	0.	87	0.	0	0.	0	0.
61	88	0.	88	0.	88	0.	87	0.	0	0.	0	0.
64	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
68	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
72	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
75	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
79	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
82	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
86	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
90	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
93	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
97	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
100	86	0.	86	0.	85	0.	85	0.	0	0.	0	0.
104	85	20.00	85	0.	84	0.	84	0.	0	0.	0	0.
108	88	90.00	87	80.00	86	50.00	85	30.00	0	0.	0	0.
111	0	100.00	0	100.00	87	80.00	87	70.00	0	0.	0	0.
115	0	100.00	0	100.00	0	100.00	88	90.00	0	0.	0	0.
118	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
122	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

Sh. 9 of 25

TABLE 60 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
126	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
129	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
133	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
136	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
140	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
144	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
147	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
151	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
154	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
158	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
162	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
165	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
169	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
172	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
176	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
180	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
183	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
187	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
190	0	100.00	0	100.00	0	100.00	90	90.00	0	0,	0	0,
194	0	100.00	0	100.00	91	90.00	90	90.00	0	0,	0	0,
198	0	100.00	91	90.00	91	90.00	90	90.00	0	0,	0	0,
201	0	100.00	91	90.00	91	90.00	90	90.00	0	0,	0	0,
205	91	90.00	91	90.00	90	90.00	90	80.00	0	0,	0	0,
208	91	90.00	91	90.00	91	90.00	90	80.00	0	0,	0	0,
212	91	90.00	91	90.00	90	80.00	90	80.00	0	0,	0	0,
216	91	90.00	91	90.00	90	80.00	90	80.00	0	0,	0	0,
219	91	90.00	91	90.00	90	80.00	90	80.00	0	0,	0	0,
223	91	90.00	91	90.00	91	80.00	90	80.00	0	0,	0	0,
226	92	90.00	91	90.00	91	80.00	90	80.00	0	0,	0	0,
230	92	90.00	92	90.00	91	80.00	91	80.00	0	0,	0	0,
234	0	100.00	92	90.00	91	80.00	91	80.00	0	0,	0	0,
237	0	100.00	0	100.00	92	90.00	91	80.00	0	0,	0	0,
241	0	100.00	0	100.00	92	90.00	91	60.00	0	0,	0	0,
244	0	100.00	92	90.00	92	80.00	91	70.00	0	0,	0	0,

TABLE 3 60 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
248	0	100.00	92	80.00	91	70.00	90	50.00	0	0.	0	0.
252	92	80.00	91	70.00	90	40.00	89	20.00	0	0.	0	0.
255	89	0.	89	0.	89	0.	89	0.	0	0.	0	0.
259	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
262	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
266	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
270	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
273	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
277	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
280	92	0.	92	0.	91	0.	91	0.	0	0.	0	0.
284	91	0.	91	0.	91	0.	90	0.	0	0.	0	0.
288	90	0.	90	0.	89	0.	89	0.	0	0.	0	0.
291	90	30.00	89	0.	89	0.	89	0.	0	0.	0	0.
295	0	100.00	90	50.00	88	0.	88	0.	0	0.	0	0.
298	0	100.00	91	90.00	89	40.00	88	0.	0	0.	0	0.
302	0	100.00	90	60.00	89	30.00	88	10.00	0	0.	0	0.
306	91	80.00	90	60.00	89	40.00	88	20.00	0	0.	0	0.
309	0	100.00	0	100.00	91	80.00	90	60.00	0	0.	0	0.
313	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
316	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
320	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
324	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
327	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
331	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
334	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
338	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
342	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
345	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
349	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
352	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
356	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
360	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
AVERAGE SHIELDING		71.30		68.50		64.60		61.80		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		89		89		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE ~~3~~ 60

SHIELDING OF TARGET AT POSITION E
RANGE 60 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 8 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
3	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
6	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
9	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
12	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
15	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
21	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
24	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
27	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
30	0	100.00	0	100.00	0	100.00	95	90.00	0	0.	0	0.
33	94	80.00	94	80.00	94	80.00	94	70.00	0	0.	0	0.
36	93	70.00	93	70.00	93	70.00	92	60.00	0	0.	0	0.
39	92	60.00	91	50.00	91	50.00	91	50.00	0	0.	0	0.
42	90	40.00	90	40.00	90	30.00	90	30.00	0	0.	0	0.
45	0	100.00	0	100.00	0	100.00	90	30.00	0	0.	0	0.
48	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
51	0	100.00	0	100.00	0	100.00	90	40.00	0	0.	0	0.
54	0	100.00	91	90.00	90	50.00	88	10.00	0	0.	0	0.
57	0	100.00	0	100.00	90	60.00	89	30.00	0	0.	0	0.
60	0	100.00	0	100.00	90	60.00	89	20.00	0	0.	0	0.
63	0	100.00	90	80.00	88	0.	88	0.	0	0.	0	0.
66	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
69	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
72	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
75	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
78	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
81	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
84	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
87	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
90	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
93	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
96	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
99	86	0.	85	0.	85	0.	85	0.	0	0.	0	0.
102	86	20.00	85	0.	85	0.	85	0.	0	0.	0	0.

TABLE ~~8~~ 60 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 8 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
105	0	100.00	87	80.00	86	40.00	85	30.00	0	0.	0	0.
108	0	100.00	88	90.00	87	80.00	87	70.00	0	0.	0	0.
111	0	100.00	0	100.00	0	100.00	88	90.00	0	0.	0	0.
114	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
117	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
120	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
123	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
126	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
129	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
132	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
135	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
138	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
141	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
144	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
147	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
150	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
153	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
156	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
159	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
162	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
165	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
168	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
171	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
174	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
177	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
180	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
183	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
186	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
189	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
192	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
195	0	100.00	0	100.00	0	100.00	91	90.00	0	0.	0	0.
198	0	100.00	0	100.00	91	90.00	91	90.00	0	0.	0	0.
201	0	100.00	91	90.00	91	90.00	90	90.00	0	0.	0	0.
204	91	90.00	91	90.00	91	90.00	90	80.00	0	0.	0	0.

TABLE ~~5~~ 60 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
207	91	90.00	91	90.00	91	90.00	90	80.00	0	0.	0	0.
210	91	90.00	91	90.00	90	80.00	90	80.00	0	0.	0	0.
213	91	90.00	91	90.00	90	80.00	90	80.00	0	0.	0	0.
216	91	90.00	90	80.00	90	80.00	90	80.00	0	0.	0	0.
219	91	80.00	91	80.00	90	80.00	90	80.00	0	0.	0	0.
222	91	80.00	91	80.00	90	80.00	90	80.00	0	0.	0	0.
225	91	90.00	91	80.00	91	80.00	90	80.00	0	0.	0	0.
228	91	90.00	91	80.00	91	80.00	90	80.00	0	0.	0	0.
231	92	90.00	91	90.00	91	80.00	91	80.00	0	0.	0	0.
234	92	90.00	92	90.00	91	80.00	91	80.00	0	0.	0	0.
237	0	100.00	92	90.00	92	90.00	91	80.00	0	0.	0	0.
240	0	100.00	92	90.00	92	90.00	91	80.00	0	0.	0	0.
243	0	100.00	0	100.00	92	90.00	91	80.00	0	0.	0	0.
246	0	100.00	0	100.00	92	90.00	92	80.00	0	0.	0	0.
249	0	100.00	0	100.00	92	90.00	91	70.00	0	0.	0	0.
252	0	100.00	92	90.00	92	70.00	91	60.00	0	0.	0	0.
255	92	90.00	92	70.00	91	40.00	90	20.00	0	0.	0	0.
258	90	20.00	90	0.	90	0.	89	0.	0	0.	0	0.
261	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
264	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
267	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
270	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
273	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
276	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
279	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
282	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
285	90	0.	90	0.	90	0.	90	0.	0	0.	0	0.
288	91	30.00	90	0.	90	0.	89	0.	0	0.	0	0.
291	0	100.00	92	90.00	90	30.00	89	0.	0	0.	0	0.
294	0	100.00	0	100.00	0	100.00	91	80.00	0	0.	0	0.
297	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
300	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
303	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE 60 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
309	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
312	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
315	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
318	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
321	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
324	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
327	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
330	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
333	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
336	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
339	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
342	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
345	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
348	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
351	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
354	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
357	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
360	0	100.00	0	100.00	0	100.00	0	100.00	0	0,	0	0,
AVERAGE SHIELDING		78.17		76.17		72.42		68.50		0,		0,
AVERAGE TARGET CONTACT ANGLE		90		90		90		89		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE ~~8~~ 60

SHIELDING OF TARGET AT POSITION E

RANGE 70 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
5	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
7	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
10	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
12	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
15	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
20	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
23	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
25	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
28	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
30	95	90.00	95	90.00	94	80.00	94	80.00	0	0.	0	0.
33	0	100.00	93	70.00	93	70.00	93	70.00	0	0.	0	0.
36	0	100.00	0	100.00	92	70.00	92	60.00	0	0.	0	0.
38	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
41	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
43	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
46	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
48	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
51	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
54	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
56	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
59	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
61	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
64	0	100.00	0	100.00	0	100.00	90	70.00	0	0.	0	0.
66	0	100.00	0	100.00	89	60.00	88	10.00	0	0.	0	0.
69	0	100.00	88	40.00	87	0.	87	0.	0	0.	0	0.
72	89	80.00	88	30.00	87	0.	87	0.	0	0.	0	0.
74	89	60.00	87	20.00	87	0.	87	0.	0	0.	0	0.
77	88	20.00	87	0.	87	0.	87	0.	0	0.	0	0.
79	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
82	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
84	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
87	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.

TABLE ~~3~~ 60 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
90	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
92	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
95	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
97	86	0.	86	0.	85	0.	85	0.	0	0.	0	0.
100	87	70.00	86	40.00	85	0.	85	0.	0	0.	0	0.
102	0	100.00	87	80.00	86	50.00	86	20.00	0	0.	0	0.
105	0	100.00	0	100.00	87	80.00	87	60.00	0	0.	0	0.
108	0	100.00	0	100.00	0	100.00	88	90.00	0	0.	0	0.
110	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
113	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
115	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
118	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
120	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
123	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
126	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
128	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
131	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
133	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
136	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
138	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
141	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
144	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
146	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
149	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
151	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
154	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
156	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
159	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
162	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
164	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
167	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
169	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
172	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
174	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE ~~3~~ 60 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARSET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
177	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
180	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
182	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
185	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
187	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
190	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
192	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
195	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
198	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
200	0	100.00	0	100.00	91	90.00	91	90.00	0	0.	0	0.
203	0	100.00	91	90.00	91	90.00	91	90.00	0	0.	0	0.
205	91	90.00	91	90.00	91	90.00	91	90.00	0	0.	0	0.
208	91	90.00	91	90.00	91	90.00	90	80.00	0	0.	0	0.
210	91	90.00	91	90.00	90	80.00	90	80.00	0	0.	0	0.
213	91	90.00	90	80.00	90	80.00	90	80.00	0	0.	0	0.
216	90	80.00	90	80.00	90	80.00	90	80.00	0	0.	0	0.
218	90	80.00	90	80.00	90	80.00	90	80.00	0	0.	0	0.
221	91	80.00	90	80.00	90	80.00	90	80.00	0	0.	0	0.
223	91	80.00	91	80.00	90	80.00	90	70.00	0	0.	0	0.
226	91	80.00	91	80.00	91	80.00	90	80.00	0	0.	0	0.
228	91	90.00	91	80.00	91	80.00	90	80.00	0	0.	0	0.
231	91	90.00	91	90.00	91	80.00	91	80.00	0	0.	0	0.
234	92	90.00	92	90.00	91	80.00	91	80.00	0	0.	0	0.
236	92	90.00	92	90.00	91	80.00	91	80.00	0	0.	0	0.
239	92	90.00	92	90.00	92	90.00	91	80.00	0	0.	0	0.
241	0	100.00	92	90.00	92	90.00	91	80.00	0	0.	0	0.
244	0	100.00	92	90.00	92	90.00	92	80.00	0	0.	0	0.
246	0	100.00	92	90.00	92	90.00	92	80.00	0	0.	0	0.
249	0	100.00	0	100.00	92	90.00	92	80.00	0	0.	0	0.
252	0	100.00	0	100.00	92	80.00	92	70.00	0	0.	0	0.
254	0	100.00	92	90.00	92	70.00	91	60.00	0	0.	0	0.
257	0	100.00	92	80.00	91	50.00	90	20.00	0	0.	0	0.
259	91	50.00	91	20.00	90	0.	90	0.	0	0.	0	0.
262	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.

TABLE ~~3~~ 60 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
264	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
267	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
270	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
272	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
275	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
277	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
280	92	0.	91	0.	91	0.	91	0.	0	0.	0	0.
282	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
285	0	100.00	92	80.00	91	20.00	90	0.	0	0.	0	0.
288	0	100.00	0	100.00	92	80.00	91	40.00	0	0.	0	0.
290	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
293	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
295	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
298	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
300	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
303	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
308	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
311	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
313	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
316	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
318	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
321	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
324	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
326	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
329	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
331	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
334	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
336	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
339	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
342	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
344	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
347	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
349	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE ~~I~~ 60 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
352	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
354	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
357	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
360	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
AVERAGE SHIELDING		84.86		82.07		78.57		76.21		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 60

SHIELDING OF TARGET AT POSITION E
RANGE 80 M

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
2	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
4	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
6	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
9	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
11	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
13	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
15	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
18	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
20	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
22	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
24	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
27	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
29	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
31	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
33	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
36	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
38	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
40	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
42	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
45	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
47	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
49	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
51	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
54	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
56	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
58	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
60	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
63	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
65	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
67	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
69	0	100.00	0	100.00	90	90.00	89	60.00	0	0.	0	0.
72	0	100.00	89	80.00	88	50.00	88	20.00	0	0.	0	0.
74	89	90.00	89	70.00	88	40.00	87	10.00	0	0.	0	0.
76	89	60.00	88	40.00	87	10.00	87	0.	0	0.	0	0.

TABLE ~~5~~ 60 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
78	88	40.00	88	20.00	87	0.	87	0.	0	0.	0	0.
81	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
83	88	0.	88	0.	87	0.	87	0.	0	0.	0	0.
85	88	0.	87	0.	87	0.	87	0.	0	0.	0	0.
87	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
90	87	0.	87	0.	87	0.	87	0.	0	0.	0	0.
92	88	10.00	87	0.	87	0.	87	0.	0	0.	0	0.
94	87	0.	87	0.	87	0.	86	0.	0	0.	0	0.
96	86	0.	86	0.	86	0.	85	0.	0	0.	0	0.
99	87	80.00	87	60.00	86	30.00	85	0.	0	0.	0	0.
101	0	100.00	88	90.00	87	60.00	86	40.00	0	0.	0	0.
103	0	100.00	0	100.00	88	80.00	87	70.00	0	0.	0	0.
105	0	100.00	0	100.00	0	100.00	88	90.00	0	0.	0	0.
108	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
110	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
112	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
114	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
117	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
119	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
121	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
123	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
126	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
128	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
130	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
132	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
135	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
137	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
139	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
141	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
144	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
146	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
148	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
150	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
153	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

TABLE ~~3~~ 60 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 8 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
155	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
157	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
159	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
162	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
164	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
166	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
168	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
171	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
173	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
175	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
177	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
180	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
182	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
184	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
186	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
189	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
191	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
193	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
195	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
198	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
200	0	100.00	0	100.00	0	100.00	91	90.00	0	0.	0	0.
202	0	100.00	0	100.00	91	90.00	91	90.00	0	0.	0	0.
204	0	100.00	91	90.00	91	90.00	91	90.00	0	0.	0	0.
207	91	90.00	91	90.00	91	90.00	91	90.00	0	0.	0	0.
209	91	90.00	91	90.00	90	80.00	90	80.00	0	0.	0	0.
211	91	90.00	91	90.00	90	80.00	90	80.00	0	0.	0	0.
213	90	80.00	90	80.00	90	80.00	90	80.00	0	0.	0	0.
216	90	80.00	90	80.00	90	80.00	90	80.00	0	0.	0	0.
218	90	80.00	90	80.00	90	80.00	90	80.00	0	0.	0	0.
220	90	80.00	90	80.00	90	80.00	90	70.00	0	0.	0	0.
222	90	80.00	90	80.00	90	80.00	90	70.00	0	0.	0	0.
225	91	80.00	90	80.00	90	80.00	90	70.00	0	0.	0	0.
227	91	80.00	90	80.00	90	70.00	90	70.00	0	0.	0	0.
229	91	80.00	91	80.00	90	80.00	90	70.00	0	0.	0	0.

TABLE 60 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
231	91	80.00	91	80.00	91	80.00	90	70.00	0	0.	0	0.
234	91	80.00	91	80.00	91	80.00	91	60.00	0	0.	0	0.
236	92	90.00	92	90.00	91	80.00	91	60.00	0	0.	0	0.
238	92	90.00	92	90.00	91	80.00	91	80.00	0	0.	0	0.
240	92	90.00	92	90.00	91	80.00	91	80.00	0	0.	0	0.
243	92	90.00	92	90.00	92	80.00	91	80.00	0	0.	0	0.
245	92	90.00	92	90.00	92	80.00	91	80.00	0	0.	0	0.
247	92	90.00	92	90.00	92	80.00	92	80.00	0	0.	0	0.
249	92	90.00	92	90.00	92	80.00	92	80.00	0	0.	0	0.
252	0	100.00	92	90.00	92	80.00	92	80.00	0	0.	0	0.
254	0	100.00	92	90.00	92	80.00	92	70.00	0	0.	0	0.
256	0	100.00	92	90.00	92	70.00	91	60.00	0	0.	0	0.
258	0	100.00	92	80.00	91	50.00	91	30.00	0	0.	0	0.
261	91	0.	91	0.	90	0.	90	0.	0	0.	0	0.
263	91	0.	91	0.	91	0.	91	0.	0	0.	0	0.
265	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
267	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
270	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
272	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
274	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
276	92	0.	92	0.	92	0.	92	0.	0	0.	0	0.
279	92	0.	92	0.	92	0.	91	0.	0	0.	0	0.
281	92	50.00	91	10.00	91	0.	91	0.	0	0.	0	0.
283	0	100.00	0	100.00	92	70.00	91	30.00	0	0.	0	0.
285	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
288	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
290	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
292	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
294	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
297	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
299	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
301	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
303	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
306	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.

Sh. 2 of 2

TABLE ~~3~~ 60 (CON.)

AZIMUTH DEG	TARGET CONTACT ANGLE* DEG	HEIGHT OF BURST** 10 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 25 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 50 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 75 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM	TARGET CONTACT ANGLE DEG	HEIGHT OF BURST 0 CM
308	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
310	0	100.00	0	100.00	0	100.00	91	90.00	0	0.	0	0.
312	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
315	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
317	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
319	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
321	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
324	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
326	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
328	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
330	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
333	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
335	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
337	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
339	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
342	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
344	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
346	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
348	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
351	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
353	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
355	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
357	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
360	0	100.00	0	100.00	0	100.00	0	100.00	0	0.	0	0.
AVERAGE SHIELDING		86.44		85.06		82.44		80.44		0.		0.
AVERAGE TARGET CONTACT ANGLE		90		90		90		90		0		0

* 90 MEANS NORMAL CONTACT; 0 MEANS NO CONTACT
** THE FRACTIONAL PART OF THE TARGET WHICH IS SHIELDED BY THE GROUND SURFACE (EXPRESSED AS PERCENT)

TABLE 6/

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.	0.	0.	0.	0.	0.
90 - 60	0.	0.	0.	0.	0.	0.
60 - 30	0.	0.	0.	0.	0.	0.
30 - 0	0.	0.	0.	0.	0.	0.

TABLE 64

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.125	0.	0.	0.	0.	0.
270 - 240	0.150	0.	0.	0.	0.	0.
240 - 210	0.150	0.	0.	0.	0.	0.
210 - 180	0.150	0.	0.	0.	0.	0.
180 - 150	0.175	0.	0.	0.	0.	0.
150 - 120	0.175	0.	0.	0.	0.	0.
120 - 90	0.175	0.	0.	0.	0.	0.
90 - 60	0.175	0.	0.	0.	0.	0.
60 - 30	0.175	0.	0.	0.	0.	0.
30 - 0	0.175	0.	0.	0.	0.	0.

TABLE 61

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.300	0.167	0.	0.	0.	0.
270 - 240	0.300	0.200	0.050	0.	0.	0.
240 - 210	0.317	0.217	0.133	0.	0.	0.
210 - 180	0.333	0.217	0.150	0.	0.	0.
180 - 150	0.417	0.233	0.167	0.017	0.	0.
150 - 120	0.417	0.233	0.167	0.017	0.	0.
120 - 90	0.467	0.233	0.167	0.067	0.	0.
90 - 60	0.533	0.267	0.183	0.117	0.	0.
60 - 30	0.583	0.267	0.200	0.133	0.	0.
30 - 0	0.667	0.267	0.200	0.150	0.050	0.

TABLE 61

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.300	0.112	0.012	0.	0.	0.
270 - 240	0.363	0.125	0.038	0.	0.	0.
240 - 210	0.400	0.300	0.063	0.	0.	0.
210 - 180	0.438	0.300	0.100	0.012	0.	0.
180 - 150	0.538	0.325	0.163	0.038	0.	0.
150 - 120	0.538	0.325	0.163	0.038	0.	0.
120 - 90	0.562	0.325	0.275	0.038	0.	0.
90 - 60	0.638	0.325	0.288	0.113	0.	0.
60 - 30	0.763	0.325	0.300	0.238	0.025	0.
30 - 0	0.788	0.325	0.300	0.275	0.063	0.

TABLE 4

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.210	0.070	0.020	0.	0.	0.
270 - 240	0.260	0.090	0.020	0.	0.	0.
240 - 210	0.430	0.150	0.050	0.020	0.	0.
210 - 180	0.490	0.300	0.080	0.020	0.	0.
180 - 150	0.650	0.360	0.190	0.030	0.	0.
150 - 120	0.650	0.360	0.190	0.030	0.	0.
120 - 90	0.770	0.360	0.260	0.060	0.	0.
90 - 60	0.820	0.360	0.340	0.210	0.020	0.
60 - 30	0.880	0.360	0.340	0.260	0.070	0.
30 - 0	0.960	0.440	0.340	0.320	0.210	0.

TABLE 4

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.167	0.058	0.008	0.	0.	0.
270 - 240	0.200	0.067	0.025	0.	0.	0.
240 - 210	0.300	0.125	0.050	0.008	0.	0.
210 - 180	0.350	0.150	0.083	0.017	0.	0.
180 - 150	0.417	0.225	0.100	0.042	0.	0.
150 - 120	0.417	0.225	0.100	0.042	0.	0.
120 - 90	0.567	0.250	0.133	0.092	0.	0.
90 - 60	0.783	0.300	0.225	0.100	0.025	0.
60 - 30	0.858	0.392	0.267	0.133	0.083	0.
30 - 0	0.950	0.525	0.367	0.208	0.108	0.017

TABLE II

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.221	0.036	0.007	0.	0.	0.
270 - 240	0.250	0.064	0.007	0.	0.	0.
240 - 210	0.336	0.100	0.050	0.	0.	0.
210 - 180	0.379	0.114	0.071	0.007	0.	0.
180 - 150	0.421	0.143	0.086	0.029	0.	0.
150 - 120	0.421	0.143	0.086	0.029	0.	0.
120 - 90	0.486	0.193	0.093	0.064	0.	0.
90 - 60	0.686	0.207	0.157	0.079	0.029	0.
60 - 30	0.857	0.371	0.186	0.086	0.071	0.
30 - 0	0.929	0.579	0.350	0.150	0.079	0.029

TABLE 6/A

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.219	0.025	0.	0.	0.	0.
270 - 240	0.244	0.031	0.006	0.	0.	0.
240 - 210	0.331	0.088	0.031	0.	0.	0.
210 - 180	0.363	0.094	0.056	0.	0.	0.
180 - 150	0.469	0.106	0.069	0.025	0.	0.
150 - 120	0.469	0.106	0.069	0.025	0.	0.
120 - 90	0.538	0.150	0.081	0.056	0.	0.
90 - 60	0.619	0.206	0.125	0.069	0.019	0.
60 - 30	0.919	0.431	0.206	0.075	0.056	0.006
30 - 0	0.944	0.581	0.363	0.200	0.069	0.025

SITE 1

TABLE 62

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.	0.	0.	0.	0.	0.
90 - 60	0.	0.	0.	0.	0.	0.
60 - 30	0.	0.	0.	0.	0.	0.
30 - 0	0.	0.	0.	0.	0.	0.

TABLE 62

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.125	0.	0.	0.	0.	0.
270 - 240	0.125	0.	0.	0.	0.	0.
240 - 210	0.125	0.	0.	0.	0.	0.
210 - 180	0.150	0.	0.	0.	0.	0.
180 - 150	0.150	0.	0.	0.	0.	0.
150 - 120	0.150	0.	0.	0.	0.	0.
120 - 90	0.175	0.	0.	0.	0.	0.
90 - 60	0.175	0.	0.	0.	0.	0.
60 - 30	0.225	0.	0.	0.	0.	0.
30 - 0	0.275	0.	0.	0.	0.	0.

TABLE 62

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.300	0.167	0.	0.	0.	0.
270 - 240	0.300	0.183	0.033	0.	0.	0.
240 - 210	0.350	0.217	0.133	0.	0.	0.
210 - 180	0.383	0.217	0.133	0.	0.	0.
180 - 150	0.450	0.233	0.150	0.	0.	0.
150 - 120	0.450	0.233	0.150	0.	0.	0.
120 - 90	0.550	0.233	0.167	0.067	0.	0.
90 - 60	0.650	0.250	0.167	0.100	0.	0.
60 - 30	0.667	0.250	0.200	0.133	0.	0.
30 - 0	0.683	0.267	0.200	0.150	0.	0.

TABLE 62

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.337	0.100	0.012	0.	0.	0.
270 - 240	0.362	0.125	0.025	0.	0.	0.
240 - 210	0.362	0.300	0.050	0.	0.	0.
210 - 180	0.375	0.313	0.112	0.012	0.	0.
180 - 150	0.400	0.325	0.188	0.025	0.	0.
150 - 120	0.400	0.325	0.188	0.025	0.	0.
120 - 90	0.487	0.325	0.275	0.038	0.	0.
90 - 60	0.663	0.325	0.288	0.113	0.	0.
60 - 30	0.788	0.325	0.300	0.225	0.025	0.
30 - 0	0.863	0.387	0.300	0.275	0.038	0.

TABLE 62

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.250	0.070	0.020	0.	0.	0.
270 - 240	0.300	0.080	0.030	0.	0.	0.
240 - 210	0.460	0.230	0.040	0.010	0.	0.
210 - 180	0.470	0.330	0.080	0.020	0.	0.
180 - 150	0.500	0.360	0.210	0.030	0.	0.
150 - 120	0.500	0.360	0.210	0.030	0.	0.
120 - 90	0.560	0.360	0.290	0.050	0.	0.
90 - 60	0.690	0.360	0.340	0.210	0.028	0.
60 - 30	0.850	0.370	0.340	0.260	0.080	0.
30 - 0	0.890	0.500	0.341	0.320	0.210	0.

TABLE 62

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.150	0.058	0.025	0.	0.	0.
270 - 240	0.200	0.075	0.025	0.008	0.	0.
240 - 210	0.283	0.142	0.042	0.008	0.	0.
210 - 180	0.333	0.175	0.075	0.025	0.	0.
180 - 150	0.375	0.217	0.117	0.042	0.008	0.
150 - 120	0.375	0.217	0.117	0.042	0.008	0.
120 - 90	0.475	0.258	0.167	0.075	0.008	0.
90 - 60	0.592	0.308	0.225	0.100	0.017	0.
60 - 30	0.858	0.383	0.275	0.150	0.083	0.
30 - 0	0.917	0.508	0.367	0.250	0.108	0.025

TABLE A-2

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.229	0.043	0.021	0.	0.	0.
270 - 240	0.271	0.050	0.029	0.	0.	0.
240 - 210	0.393	0.100	0.043	0.014	0.	0.
210 - 180	0.421	0.129	0.071	0.021	0.	0.
180 - 150	0.479	0.171	0.100	0.036	0.007	0.
150 - 120	0.479	0.171	0.100	0.036	0.007	0.
120 - 90	0.543	0.186	0.114	0.071	0.014	0.
90 - 60	0.571	0.257	0.164	0.079	0.043	0.
60 - 30	0.750	0.386	0.243	0.121	0.071	0.
30 - 0	0.886	0.507	0.357	0.236	0.086	0.036

TABLE C2

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.225	0.038	0.012	0.	0.	0.
270 - 240	0.262	0.044	0.025	0.	0.	0.
240 - 210	0.387	0.075	0.050	0.012	0.	0.
210 - 180	0.419	0.094	0.056	0.025	0.	0.
180 - 150	0.462	0.138	0.063	0.050	0.	0.
150 - 120	0.462	0.138	0.063	0.050	0.	0.
120 - 90	0.525	0.150	0.081	0.063	0.006	0.
90 - 60	0.656	0.275	0.137	0.069	0.056	0.
60 - 30	0.837	0.456	0.288	0.087	0.056	0.006
30 - 0	0.962	0.488	0.394	0.287	0.069	0.056

SITE I

TABLE 63

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.	0.	0.	0.	0.	0.
90 - 60	0.	0.	0.	0.	0.	0.
60 - 30	0.	0.	0.	0.	0.	0.
30 - 0	0.050	0.	0.	0.	0.	0.

TABLE 63

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.125	0.	0.	0.	0.	0.
270 - 240	0.125	0.	0.	0.	0.	0.
240 - 210	0.125	0.	0.	0.	0.	0.
210 - 180	0.150	0.	0.	0.	0.	0.
180 - 150	0.175	0.	0.	0.	0.	0.
150 - 120	0.175	0.	0.	0.	0.	0.
120 - 90	0.225	0.	0.	0.	0.	0.
90 - 60	0.250	0.	0.	0.	0.	0.
60 - 30	0.325	0.	0.	0.	0.	0.
30 - 0	0.425	0.	0.	0.	0.	0.

TABLE 63

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.317	0.167	0.	0.	0.	0.
270 - 240	0.333	0.200	0.017	0.	0.	0.
240 - 210	0.367	0.217	0.133	0.	0.	0.
210 - 180	0.383	0.217	0.150	0.	0.	0.
180 - 150	0.417	0.233	0.150	0.	0.	0.
150 - 120	0.417	0.233	0.150	0.	0.	0.
120 - 90	0.467	0.250	0.167	0.067	0.	0.
90 - 60	0.633	0.250	0.183	0.100	0.	0.
60 - 30	0.733	0.250	0.200	0.133	0.	0.
30 - 0	0.800	0.250	0.217	0.150	0.	0.

TABLE 63

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.363	0.100	0.012	0.	0.	0.
270 - 240	0.387	0.125	0.012	0.	0.	0.
240 - 210	0.412	0.300	0.063	0.	0.	0.
210 - 180	0.412	0.313	0.125	0.012	0.	0.
180 - 150	0.450	0.313	0.250	0.025	0.	0.
150 - 120	0.450	0.313	0.250	0.025	0.	0.
120 - 90	0.488	0.313	0.275	0.038	0.	0.
90 - 60	0.638	0.325	0.287	0.137	0.	0.
60 - 30	0.838	0.325	0.287	0.262	0.012	0.
30 - 0	0.863	0.337	0.300	0.262	0.075	0.

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TABLE X

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.220	0.060	0.010	0.	0.	0.
270 - 240	0.300	0.080	0.020	0.	0.	0.
240 - 210	0.380	0.260	0.050	0.	0.	0.
210 - 180	0.380	0.350	0.090	0.020	0.	0.
180 - 150	0.380	0.350	0.250	0.020	0.	0.
150 - 120	0.380	0.350	0.250	0.020	0.	0.
120 - 90	0.380	0.360	0.330	0.050	0.	0.
90 - 60	0.420	0.360	0.340	0.230	0.	0.
60 - 30	0.660	0.360	0.340	0.320	0.120	0.
30 - 0	0.860	0.390	0.340	0.320	0.238	0.

TABLE 63

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.175	0.050	0.017	0.	0.	0.
270 - 240	0.225	0.058	0.025	0.	0.	0.
240 - 210	0.300	0.150	0.042	0.008	0.	0.
210 - 180	0.325	0.208	0.075	0.017	0.	0.
180 - 150	0.358	0.242	0.117	0.033	0.	0.
150 - 120	0.358	0.242	0.117	0.033	0.	0.
120 - 90	0.450	0.258	0.208	0.083	0.008	0.
90 - 60	0.492	0.317	0.242	0.117	0.017	0.
60 - 30	0.633	0.392	0.300	0.208	0.092	0.
30 - 0	0.892	0.392	0.375	0.275	0.142	0.017

TABLE 63

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.286	0.043	0.021	0.	0.	0.
270 - 240	0.314	0.050	0.021	0.007	0.	0.
240 - 210	0.414	0.093	0.043	0.021	0.	0.
210 - 180	0.464	0.143	0.079	0.021	0.	0.
180 - 150	0.507	0.179	0.086	0.036	0.007	0.
150 - 120	0.507	0.179	0.086	0.036	0.007	0.
120 - 90	0.543	0.193	0.129	0.071	0.014	0.
90 - 60	0.629	0.343	0.179	0.093	0.036	0.
60 - 30	0.686	0.393	0.329	0.129	0.079	0.
30 - 0	0.886	0.400	0.393	0.321	0.114	0.029

TABLE 63

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.281	0.038	0.019	0.	0.	0.
270 - 240	0.319	0.044	0.025	0.006	0.	0.
240 - 210	0.431	0.112	0.044	0.019	0.	0.
210 - 180	0.519	0.131	0.069	0.025	0.	0.
180 - 150	0.550	0.175	0.069	0.056	0.006	0.
150 - 120	0.550	0.175	0.069	0.056	0.006	0.
120 - 90	0.575	0.219	0.094	0.063	0.012	0.
90 - 60	0.775	0.413	0.119	0.075	0.056	0.
60 - 30	0.800	0.438	0.400	0.144	0.063	0.006
30 - 0	0.931	0.469	0.400	0.369	0.225	0.056

SITE 1

TABLE 64

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.	0.	0.	0.	0.	0.
90 - 60	0.	0.	0.	0.	0.	0.
60 - 30	0.	0.	0.	0.	0.	0.
30 - 0	0.	0.	0.	0.	0.	0.

TABLE 64

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.125	0.	0.	0.	0.	0.
270 - 240	0.150	0.	0.	0.	0.	0.
240 - 210	0.150	0.	0.	0.	0.	0.
210 - 180	0.175	0.	0.	0.	0.	0.
180 - 150	0.175	0.	0.	0.	0.	0.
150 - 120	0.175	0.	0.	0.	0.	0.
120 - 90	0.200	0.	0.	0.	0.	0.
90 - 60	0.200	0.	0.	0.	0.	0.
60 - 30	0.325	0.	0.	0.	0.	0.
30 - 0	0.550	0.	0.	0.	0.	0.

TABLE 64

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.267	0.167	0.	0.	0.	0.
270 - 240	0.283	0.167	0.	0.	0.	0.
240 - 210	0.317	0.200	0.133	0.	0.	0.
210 - 180	0.317	0.217	0.150	0.	0.	0.
180 - 150	0.333	0.217	0.150	0.017	0.	0.
150 - 120	0.333	0.217	0.150	0.017	0.	0.
120 - 90	0.367	0.233	0.167	0.083	0.	0.
90 - 60	0.400	0.250	0.183	0.117	0.	0.
60 - 30	0.433	0.250	0.183	0.150	0.	0.
30 - 0	0.767	0.250	0.217	0.150	0.017	0.

TABLE 6X

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.363	0.063	0.	0.	0.	0.
270 - 240	0.387	0.100	0.012	0.	0.	0.
240 - 210	0.400	0.288	0.038	0.	0.	0.
210 - 180	0.425	0.300	0.088	0.	0.	0.
180 - 150	0.450	0.300	0.263	0.012	0.	0.
150 - 120	0.450	0.300	0.263	0.012	0.	0.
120 - 90	0.487	0.300	0.275	0.025	0.	0.
90 - 60	0.525	0.313	0.275	0.225	0.	0.
60 - 30	0.538	0.325	0.275	0.250	0.	0.
30 - 0	0.663	0.325	0.300	0.250	0.088	0.

TABLE 64

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.220	0.040	0.010	0.	0.	0.
270 - 240	0.280	0.060	0.020	0.	0.	0.
240 - 210	0.380	0.260	0.040	0.	0.	0.
210 - 180	0.380	0.330	0.060	0.010	0.	0.
180 - 150	0.380	0.340	0.260	0.020	0.	0.
150 - 120	0.380	0.340	0.260	0.020	0.	0.
120 - 90	0.400	0.350	0.310	0.130	0.	0.
90 - 60	0.420	0.350	0.320	0.250	0.	0.
60 - 30	0.500	0.350	0.330	0.280	0.140	0.
30 - 0	0.600	0.350	0.330	0.310	0.250	0.040

TABLE 64

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.142	0.042	0.008	0.	0.	0.
270 - 240	0.167	0.050	0.025	0.	0.	0.
240 - 210	0.250	0.117	0.033	0.008	0.	0.
210 - 180	0.275	0.158	0.058	0.008	0.	0.
180 - 150	0.325	0.233	0.100	0.017	0.	0.
150 - 120	0.325	0.233	0.100	0.017	0.	0.
120 - 90	0.425	0.275	0.158	0.058	0.	0.
90 - 60	0.458	0.375	0.233	0.125	0.008	0.
60 - 30	0.500	0.375	0.325	0.175	0.067	0.
30 - 0	0.600	0.383	0.358	0.267	0.150	0.017

AD-A040 173 ARMY ENGINEER WATERWAYS EXPERIMENT STATION VICKSBURG MISS F/G 18/6
ANALYTICAL STUDY OF GROUND-SURFACE SHIELDING CHARACTERISTICS OF--ETC(U)
JUN 74 H W WEST, P L DOIRON, J A PARKS

UNCLASSIFIED WES-TR-M-74-4-VOL-2 NL

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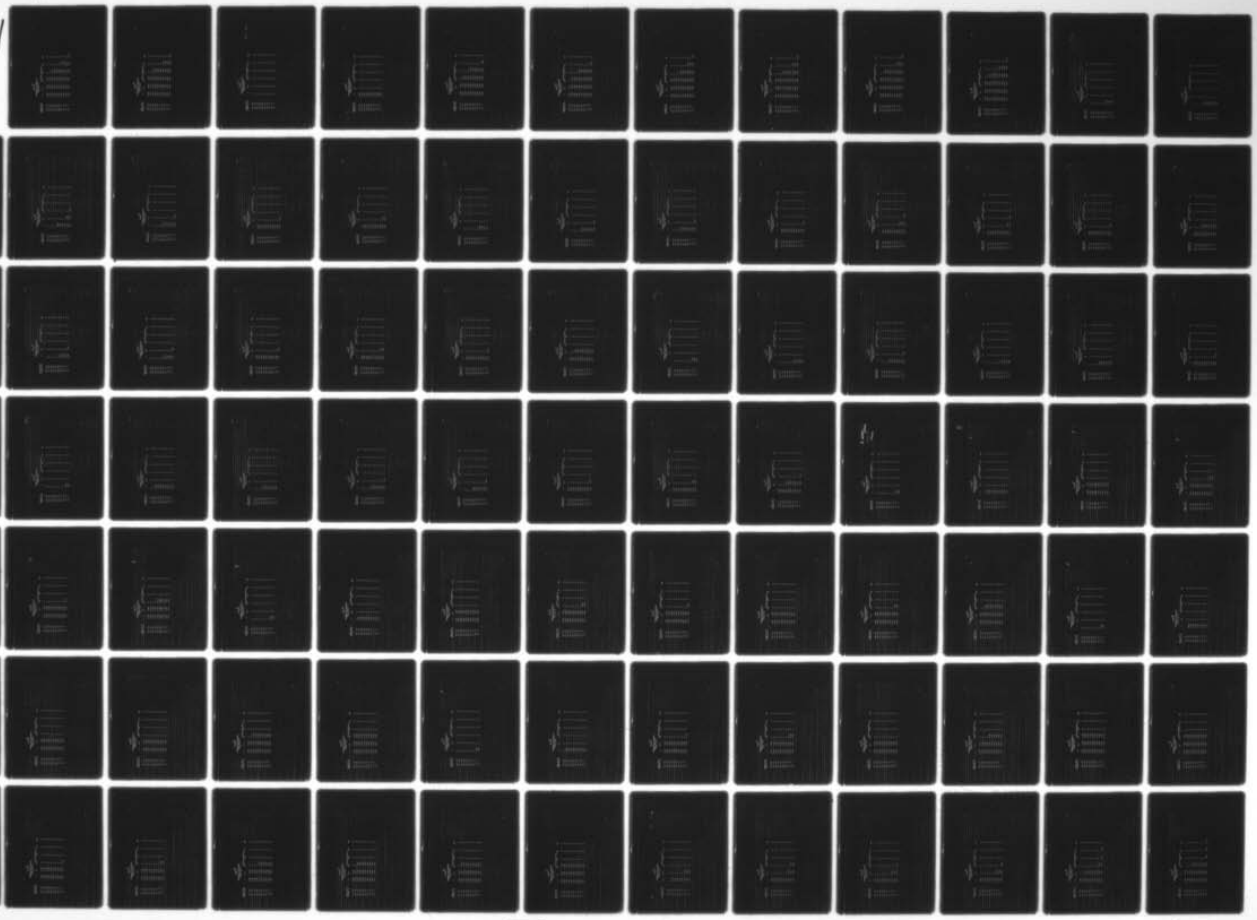

TABLE 64

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.293	0.043	0.014	0.	0.	0.
270 - 240	0.314	0.050	0.021	0.	0.	0.
240 - 210	0.343	0.100	0.036	0.007	0.	0.
210 - 180	0.407	0.107	0.071	0.021	0.	0.
180 - 150	0.457	0.136	0.079	0.029	0.	0.
150 - 120	0.457	0.136	0.079	0.029	0.	0.
120 - 90	0.507	0.193	0.086	0.071	0.007	0.
90 - 60	0.586	0.400	0.150	0.079	0.014	0.
60 - 30	0.643	0.400	0.364	0.114	0.071	0.
30 - 0	0.686	0.407	0.386	0.336	0.107	0.014

TABLE 64

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.294	0.063	0.019	0.	0.	0.
270 - 240	0.344	0.112	0.019	0.	0.	0.
240 - 210	0.431	0.150	0.038	0.012	0.	0.
210 - 180	0.463	0.162	0.063	0.019	0.	0.
180 - 150	0.494	0.188	0.069	0.038	0.	0.
150 - 120	0.494	0.188	0.069	0.038	0.	0.
120 - 90	0.538	0.256	0.075	0.063	0.006	0.
90 - 60	0.719	0.406	0.237	0.063	0.031	0.
60 - 30	0.737	0.406	0.369	0.250	0.075	0.
30 - 0	0.756	0.419	0.400	0.356	0.258	0.094

TABLE 65

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 10 M

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TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.	0.	0.	0.	0.	0.
90 - 60	0.	0.	0.	0.	0.	0.
60 - 30	0.	0.	0.	0.	0.	0.
30 - 0	0.	0.	0.	0.	0.	0.

TABLE 65

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.100	0.	0.	0.	0.	0.
270 - 240	0.100	0.	0.	0.	0.	0.
240 - 210	0.150	0.	0.	0.	0.	0.
210 - 180	0.150	0.	0.	0.	0.	0.
180 - 150	0.150	0.	0.	0.	0.	0.
150 - 120	0.150	0.	0.	0.	0.	0.
120 - 90	0.175	0.	0.	0.	0.	0.
90 - 60	0.175	0.	0.	0.	0.	0.
60 - 30	0.200	0.	0.	0.	0.	0.
30 - 0	0.275	0.	0.	0.	0.	0.

TABLE 65

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.267	0.150	0.	0.	0.	0.
270 - 240	0.267	0.167	0.017	0.	0.	0.
240 - 210	0.283	0.183	0.100	0.	0.	0.
210 - 180	0.300	0.200	0.117	0.	0.	0.
180 - 150	0.300	0.233	0.133	0.050	0.	0.
150 - 120	0.300	0.233	0.133	0.050	0.	0.
120 - 90	0.300	0.233	0.150	0.050	0.	0.
90 - 60	0.300	0.233	0.167	0.100	0.	0.
60 - 30	0.300	0.233	0.183	0.117	0.	0.
30 - 0	0.350	0.250	0.200	0.133	0.058	0.

TABLE 4 65

4

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.262	0.063	0.	0.	0.	0.
270 - 240	0.337	0.088	0.012	0.	0.	0.
240 - 210	0.350	0.225	0.038	0.	0.	0.
210 - 180	0.350	0.288	0.100	0.	0.	0.
180 - 150	0.412	0.288	0.163	0.025	0.	0.
150 - 120	0.412	0.288	0.163	0.025	0.	0.
120 - 90	0.412	0.288	0.238	0.038	0.	0.
90 - 60	0.412	0.300	0.263	0.150	0.	0.
60 - 30	0.425	0.313	0.275	0.188	0.	0.
30 - 0	0.500	0.313	0.288	0.250	0.150	0.

TABLE 65

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.230	0.040	0.010	0.	0.	0.
270 - 240	0.320	0.070	0.020	0.	0.	0.
240 - 210	0.430	0.210	0.030	0.	0.	0.
210 - 180	0.450	0.250	0.140	0.	0.	0.
180 - 150	0.450	0.340	0.200	0.020	0.	0.
150 - 120	0.450	0.340	0.200	0.020	0.	0.
120 - 90	0.460	0.350	0.220	0.140	0.	0.
90 - 60	0.500	0.350	0.300	0.200	0.058	0.
60 - 30	0.520	0.350	0.330	0.230	0.148	0.
30 - 0	0.550	0.350	0.330	0.270	0.210	0.080

TABLE 55

6

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.150	0.042	0.008	0.	0.	0.
270 - 240	0.175	0.058	0.017	0.	0.	0.
240 - 210	0.208	0.125	0.033	0.	0.	0.
210 - 180	0.267	0.142	0.075	0.008	0.	0.
180 - 150	0.308	0.183	0.100	0.017	0.	0.
150 - 120	0.308	0.183	0.100	0.017	0.	0.
120 - 90	0.408	0.258	0.125	0.083	0.	0.
90 - 60	0.425	0.367	0.200	0.108	0.017	0.
60 - 30	0.467	0.383	0.317	0.158	0.067	0.
30 - 0	0.542	0.383	0.358	0.275	0.117	0.033

TABLE 65

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.271	0.043	0.014	0.	0.	0.
270 - 240	0.286	0.050	0.014	0.	0.	0.
240 - 210	0.314	0.100	0.029	0.007	0.	0.
210 - 180	0.343	0.114	0.071	0.007	0.	0.
180 - 150	0.379	0.136	0.079	0.014	0.	0.
150 - 120	0.379	0.136	0.079	0.014	0.	0.
120 - 90	0.407	0.257	0.100	0.071	0.	0.
90 - 60	0.521	0.364	0.193	0.086	0.021	0.
60 - 30	0.571	0.393	0.307	0.193	0.050	0.
30 - 0	0.636	0.393	0.386	0.279	0.179	0.029

TABLE 65

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.344	0.100	0.012	0.	0.	0.
270 - 240	0.369	0.119	0.019	0.	0.	0.
240 - 210	0.400	0.175	0.031	0.006	0.	0.
210 - 180	0.431	0.175	0.063	0.019	0.	0.
180 - 150	0.462	0.194	0.069	0.025	0.	0.
150 - 120	0.462	0.194	0.069	0.025	0.	0.
120 - 90	0.469	0.331	0.106	0.063	0.006	0.
90 - 60	0.681	0.387	0.262	0.112	0.019	0.
60 - 30	0.694	0.412	0.350	0.250	0.119	0.
30 - 0	0.700	0.412	0.400	0.300	0.256	0.119

SITE-2

A-2 2-2

1

TABLE 66

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 10 M

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James

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.050	0.	0.	0.	0.	0.
90 - 60	0.150	0.	0.	0.	0.	0.
60 - 30	0.250	0.	0.	0.	0.	0.
30 - 0	0.550	0.	0.	0.	0.	0.

TABLE 66

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.025	0.	0.	0.	0.	0.
150 - 120	0.025	0.	0.	0.	0.	0.
120 - 90	0.125	0.	0.	0.	0.	0.
90 - 60	0.250	0.	0.	0.	0.	0.
60 - 30	0.500	0.	0.	0.	0.	0.
30 - 0	0.600	0.	0.	0.	0.	0.

TABLE 66

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.017	0.	0.	0.	0.	0.
240 - 210	0.050	0.	0.	0.	0.	0.
210 - 180	0.050	0.	0.	0.	0.	0.
180 - 150	0.050	0.	0.	0.	0.	0.
150 - 120	0.050	0.	0.	0.	0.	0.
120 - 90	0.050	0.	0.	0.	0.	0.
90 - 60	0.083	0.	0.	0.	0.	0.
60 - 30	0.167	0.	0.	0.	0.	0.
30 - 0	0.467	0.033	0.	0.	0.	0.

TABLE 6.6

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.038	0.	0.	0.	0.	0.
270 - 240	0.050	0.	0.	0.	0.	0.
240 - 210	0.063	0.	0.	0.	0.	0.
210 - 180	0.063	0.	0.	0.	0.	0.
180 - 150	0.075	0.	0.	0.	0.	0.
150 - 120	0.075	0.	0.	0.	0.	0.
120 - 90	0.088	0.	0.	0.	0.	0.
90 - 60	0.088	0.038	0.	0.	0.	0.
60 - 30	0.113	0.038	0.	0.	0.	0.
30 - 0	0.150	0.050	0.025	0.	0.	0.

TABLE A 66

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.030	0.	0.	0.	0.	0.
150 - 120	0.030	0.	0.	0.	0.	0.
120 - 90	0.040	0.	0.	0.	0.	0.
90 - 60	0.090	0.	0.	0.	0.	0.
60 - 30	0.110	0.020	0.	0.	0.	0.
30 - 0	0.160	0.070	0.010	0.	0.	0.

TABLE 66

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.017	0.	0.	0.	0.	0.
150 - 120	0.017	0.	0.	0.	0.	0.
120 - 90	0.025	0.	0.	0.	0.	0.
90 - 60	0.033	0.	0.	0.	0.	0.
60 - 30	0.100	0.	0.	0.	0.	0.
30 - 0	0.183	0.075	0.	0.	0.	0.

TABLE A 66

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.021	0.	0.	0.	0.	0.
270 - 240	0.021	0.	0.	0.	0.	0.
240 - 210	0.029	0.	0.	0.	0.	0.
210 - 180	0.036	0.	0.	0.	0.	0.
180 - 150	0.079	0.	0.	0.	0.	0.
150 - 120	0.079	0.	0.	0.	0.	0.
120 - 90	0.121	0.	0.	0.	0.	0.
90 - 60	0.157	0.	0.	0.	0.	0.
60 - 30	0.243	0.	0.	0.	0.	0.
30 - 0	0.336	0.029	0.	0.	0.	0.

TABLE 66

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.056	0.	0.	0.	0.	0.
270 - 240	0.075	0.	0.	0.	0.	0.
240 - 210	0.094	0.	0.	0.	0.	0.
210 - 180	0.100	0.	0.	0.	0.	0.
180 - 150	0.119	0.	0.	0.	0.	0.
150 - 120	0.119	0.	0.	0.	0.	0.
120 - 90	0.162	0.	0.	0.	0.	0.
90 - 60	0.238	0.	0.	0.	0.	0.
60 - 30	0.369	0.006	0.	0.	0.	0.
30 - 0	0.550	0.044	0.	0.	0.	0.

S/TC-2
2-2 C-2

TABLE 67

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.050	0.	0.	0.	0.	0.
90 - 60	0.150	0.	0.	0.	0.	0.
60 - 30	0.200	0.	0.	0.	0.	0.
30 - 0	0.550	0.	0.	0.	0.	0.

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TABLE 69

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.075	0.	0.	0.	0.	0.
150 - 120	0.075	0.	0.	0.	0.	0.
120 - 90	0.100	0.	0.	0.	0.	0.
90 - 60	0.150	0.	0.	0.	0.	0.
60 - 30	0.450	0.	0.	0.	0.	0.
30 - 0	0.575	0.050	0.	0.	0.	0.

TABLE 69

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.017	0.	0.	0.	0.	0.
180 - 150	0.017	0.	0.	0.	0.	0.
150 - 120	0.017	0.	0.	0.	0.	0.
120 - 90	0.050	0.	0.	0.	0.	0.
90 - 60	0.067	0.	0.	0.	0.	0.
60 - 30	0.133	0.	0.	0.	0.	0.
30 - 0	0.433	0.033	0.	0.	0.	0.

TABLE 67

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.012	0.	0.	0.	0.	0.
270 - 240	0.012	0.	0.	0.	0.	0.
240 - 210	0.038	0.	0.	0.	0.	0.
210 - 180	0.050	0.	0.	0.	0.	0.
180 - 150	0.050	0.	0.	0.	0.	0.
150 - 120	0.050	0.	0.	0.	0.	0.
120 - 90	0.050	0.	0.	0.	0.	0.
90 - 60	0.050	0.	0.	0.	0.	0.
60 - 30	0.075	0.	0.	0.	0.	0.
30 - 0	0.188	0.038	0.	0.	0.	0.

TABLE 67

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.040	0.	0.	0.	0.	0.
270 - 240	0.050	0.	0.	0.	0.	0.
240 - 210	0.050	0.	0.	0.	0.	0.
210 - 180	0.050	0.	0.	0.	0.	0.
180 - 150	0.070	0.	0.	0.	0.	0.
150 - 120	0.070	0.	0.	0.	0.	0.
120 - 90	0.080	0.	0.	0.	0.	0.
90 - 60	0.080	0.020	0.	0.	0.	0.
60 - 30	0.100	0.040	0.	0.	0.	0.
30 - 0	0.130	0.050	0.030	0.	0.	0.

TABLE 67

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.008	0.	0.	0.	0.	0.
270 - 240	0.017	0.	0.	0.	0.	0.
240 - 210	0.017	0.	0.	0.	0.	0.
210 - 180	0.025	0.	0.	0.	0.	0.
180 - 150	0.033	0.	0.	0.	0.	0.
150 - 120	0.033	0.	0.	0.	0.	0.
120 - 90	0.042	0.	0.	0.	0.	0.
90 - 60	0.092	0.	0.	0.	0.	0.
60 - 30	0.108	0.008	0.	0.	0.	0.
30 - 0	0.167	0.067	0.017	0.	0.	0.

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TABLE 67

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.029	0.	0.	0.	0.	0.
270 - 240	0.029	0.	0.	0.	0.	0.
240 - 210	0.057	0.	0.	0.	0.	0.
210 - 180	0.086	0.	0.	0.	0.	0.
180 - 150	0.093	0.	0.	0.	0.	0.
150 - 120	0.093	0.	0.	0.	0.	0.
120 - 90	0.121	0.	0.	0.	0.	0.
90 - 60	0.186	0.	0.	0.	0.	0.
60 - 30	0.243	0.	0.	0.	0.	0.
30 - 0	0.343	0.057	0.	0.	0.	0.

TABLE 67

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0,075	0,	0,	0,	0,	0%
270 - 240	0,100	0,	0,	0,	0,	0%
240 - 210	0,150	0,	0,	0,	0,	0%
210 - 180	0,162	0,006	0,	0,	0,	0%
180 - 150	0,200	0,006	0,	0,	0,	0%
150 - 120	0,200	0,006	0,	0,	0,	0%
120 - 90	0,256	0,006	0,	0,	0,	0%
90 - 60	0,325	0,019	0,	0,	0,	0%
60 - 30	0,444	0,019	0,	0,	0,	0%
30 - 0	0,538	0,069	0,	0,	0,	0%

SITE-2
C-2 L-2

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TABLE 68

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.	0.	0.	0.	0.	0.
90 - 60	0.	0.	0.	0.	0.	0.
60 - 30	0.350	0.	0.	0.	0.	0.
30 - 0	0.600	0.	0.	0.	0.	0.

TABLE 68

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.025	0.	0.	0.	0.	0.
150 - 120	0.025	0.	0.	0.	0.	0.
120 - 90	0.075	0.	0.	0.	0.	0.
90 - 60	0.125	0.	0.	0.	0.	0.
60 - 30	0.275	0.	0.	0.	0.	0.
30 - 0	0.700	0.	0.	0.	0.	0.

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TABLE X

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0%
270 - 240	0.	0.	0.	0.	0.	0%
240 - 210	0.	0.	0.	0.	0.	0%
210 - 180	0.	0.	0.	0.	0.	0%
180 - 150	0.	0.	0.	0.	0.	0%
150 - 120	0.	0.	0.	0.	0.	0%
120 - 90	0.017	0.	0.	0.	0.	0%
90 - 60	0.100	0.	0.	0.	0.	0%
60 - 30	0.167	0.	0.	0.	0.	0%
30 - 0	0.300	0.017	0.	0.	0.	0%

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TABLE 58

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.012	0.	0.	0.	0.	0.
90 - 60	0.063	0.	0.	0.	0.	0.
60 - 30	0.112	0.	0.	0.	0.	0.
30 - 0	0.225	0.012	0.	0.	0.	0.

TABLE 62

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.030	0.	0.	0.	0.	0.
270 - 240	0.030	0.	0.	0.	0.	0.
240 - 210	0.040	0.	0.	0.	0.	0.
210 - 180	0.040	0.	0.	0.	0.	0.
180 - 150	0.040	0.	0.	0.	0.	0.
150 - 120	0.040	0.	0.	0.	0.	0.
120 - 90	0.040	0.	0.	0.	0.	0.
90 - 60	0.050	0.	0.	0.	0.	0.
60 - 30	0.090	0.	0.	0.	0.	0.
30 - 0	0.150	0.030	0.	0.	0.	0.

TABLE 6f

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.083	0.	0.	0.	0.	0.
270 - 240	0.083	0.	0.	0.	0.	0.
240 - 210	0.100	0.	0.	0.	0.	0.
210 - 180	0.108	0.	0.	0.	0.	0.
180 - 150	0.117	0.	0.	0.	0.	0.
150 - 120	0.117	0.	0.	0.	0.	0.
120 - 90	0.125	0.	0.	0.	0.	0.
90 - 60	0.167	0.	0.	0.	0.	0.
60 - 30	0.208	0.017	0.	0.	0.	0.
30 - 0	0.283	0.042	0.	0.	0.	0.

TABLE 68

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.071	0.	0.	0.	0.	0.
270 - 240	0.071	0.	0.	0.	0.	0.
240 - 210	0.114	0.	0.	0.	0.	0.
210 - 180	0.136	0.	0.	0.	0.	0.
180 - 150	0.171	0.	0.	0.	0.	0.
150 - 120	0.171	0.	0.	0.	0.	0.
120 - 90	0.186	0.	0.	0.	0.	0.
90 - 60	0.293	0.	0.	0.	0.	0.
60 - 30	0.393	0.	0.	0.	0.	0.
30 - 0	0.457	0.043	0.	0.	0.	0.

TABLE 68

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.094	0.	0.	0.	0.	0.
270 - 240	0.106	0.	0.	0.	0.	0.
240 - 210	0.138	0.006	0.	0.	0.	0.
210 - 180	0.200	0.006	0.	0.	0.	0.
180 - 150	0.263	0.006	0.	0.	0.	0.
150 - 120	0.263	0.006	0.	0.	0.	0.
120 - 90	0.319	0.019	0.	0.	0.	0.
90 - 60	0.356	0.025	0.	0.	0.	0.
60 - 30	0.419	0.031	0.	0.	0.	0.
30 - 0	0.494	0.044	0.	0.	0.	0.

SITE-2
D-2
2-2

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TABLE 69

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0%
270 - 240	0.	0.	0.	0.	0.	0%
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0%
180 - 150	0.	0.	0.	0.	0.	0%
150 - 120	0.	0.	0.	0.	0.	0%
120 - 90	0.	0.	0.	0.	0.	0.
90 - 60	0.100	0.	0.	0.	0.	0%
60 - 30	0.200	0.	0.	0.	0.	0%
30 - 0	0.550	0.	0.	0.	0.	0%

TABLE 69

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.025	0.	0.	0.	0.	0.
90 - 60	0.075	0.	0.	0.	0.	0.
60 - 30	0.300	0.	0.	0.	0.	0.
30 - 0	0.525	0.	0.	0.	0.	0.

6-2

TABLE 69

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0%
270 - 240	0.	0.	0.	0.	0.	0%
240 - 210	0.	0.	0.	0.	0.	0%
210 - 180	0.017	0.	0.	0.	0.	0%
180 - 150	0.017	0.	0.	0.	0.	0%
150 - 120	0.017	0.	0.	0.	0.	0%
120 - 90	0.050	0.	0.	0.	0.	0%
90 - 60	0.100	0.	0.	0.	0.	0%
60 - 30	0.167	0.	0.	0.	0.	0%
30 - 0	0.317	0.017	0.	0.	0.	0%

TABLE 69

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.012	0.	0.	0.	0.	0.
90 - 60	0.038	0.	0.	0.	0.	0.
60 - 30	0.100	0.	0.	0.	0.	0.
30 - 0	0.225	0.	0.	0.	0.	0.

TABLE 69

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.010	0.	0.	0.	0.	0.
150 - 120	0.010	0.	0.	0.	0.	0.
120 - 90	0.010	0.	0.	0.	0.	0.
90 - 60	0.040	0.	0.	0.	0.	0.
60 - 30	0.100	0.	0.	0.	0.	0.
30 - 0	0.190	0.	0.	0.	0.	0.

TABLE 69

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.092	0.	0.	0.	0.	0.
270 - 240	0.092	0.	0.	0.	0.	0.
240 - 210	0.108	0.	0.	0.	0.	0.
210 - 180	0.108	0.	0.	0.	0.	0.
180 - 150	0.125	0.	0.	0.	0.	0.
150 - 120	0.125	0.	0.	0.	0.	0.
120 - 90	0.158	0.	0.	0.	0.	0.
90 - 60	0.192	0.	0.	0.	0.	0.
60 - 30	0.242	0.	0.	0.	0.	0.
30 - 0	0.350	0.025	0.	0.	0.	0.

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TABLE 66

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.093	0.	0.	0.	0.	0.
270 - 240	0.107	0.	0.	0.	0.	0.
240 - 210	0.150	0.	0.	0.	0.	0.
210 - 180	0.207	0.	0.	0.	0.	0.
180 - 150	0.243	0.	0.	0.	0.	0.
150 - 120	0.243	0.	0.	0.	0.	0.
120 - 90	0.293	0.	0.	0.	0.	0.
90 - 60	0.314	0.	0.	0.	0.	0.
60 - 30	0.364	0.014	0.	0.	0.	0.
30 - 0	0.450	0.036	0.	0.	0.	0.

TABLE 69

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.125	0.	0.	0.	0.	0.
270 - 240	0.137	0.	0.	0.	0.	0.
240 - 210	0.156	0.006	0.	0.	0.	0.
210 - 180	0.188	0.006	0.	0.	0.	0.
180 - 150	0.294	0.019	0.	0.	0.	0.
150 - 120	0.294	0.019	0.	0.	0.	0.
120 - 90	0.369	0.025	0.	0.	0.	0.
90 - 60	0.400	0.031	0.	0.	0.	0.
60 - 30	0.431	0.038	0.	0.	0.	0.
30 - 0	0.456	0.088	0.	0.	0.	0.

SITE-2
E-2 L-2

TABLE 70

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.	0.	0.	0.	0.	0.
90 - 60	0.	0.	0.	0.	0.	0.
60 - 30	0.050	0.	0.	0.	0.	0.
30 - 0	0.400	0.	0.	0.	0.	0.

TABLE 70

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.025	0.	0.	0.	0.	0.
210 - 180	0.025	0.	0.	0.	0.	0.
180 - 150	0.025	0.	0.	0.	0.	0.
150 - 120	0.025	0.	0.	0.	0.	0.
120 - 90	0.050	0.	0.	0.	0.	0.
90 - 60	0.075	0.	0.	0.	0.	0.
60 - 30	0.150	0.	0.	0.	0.	0.
30 - 0	0.300	0.	0.	0.	0.	0.

TABLE 70

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.033	0.	0.	0.	0.	0.
150 - 120	0.033	0.	0.	0.	0.	0.
120 - 90	0.067	0.	0.	0.	0.	0.
90 - 60	0.083	0.	0.	0.	0.	0.
60 - 30	0.167	0.	0.	0.	0.	0.
30 - 0	0.283	0.	0.	0.	0.	0.

TABLE 70

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.012	0.	0.	0.	0.	0.
150 - 120	0.012	0.	0.	0.	0.	0.
120 - 90	0.050	0.	0.	0.	0.	0.
90 - 60	0.088	0.	0.	0.	0.	0.
60 - 30	0.138	0.	0.	0.	0.	0.
30 - 0	0.225	0.012	0.	0.	0.	0.

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TABLE 70

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.020	0.	0.	0.	0.	0.
150 - 120	0.020	0.	0.	0.	0.	0.
120 - 90	0.030	0.	0.	0.	0.	0.
90 - 60	0.070	0.	0.	0.	0.	0.
60 - 30	0.130	0.	0.	0.	0.	0.
30 - 0	0.220	0.020	0.	0.	0.	0.

TABLE A70

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.050	0.	0.	0.	0.	0.
270 - 240	0.050	0.	0.	0.	0.	0.
240 - 210	0.067	0.	0.	0.	0.	0.
210 - 180	0.075	0.	0.	0.	0.	0.
180 - 150	0.092	0.	0.	0.	0.	0.
150 - 120	0.092	0.	0.	0.	0.	0.
120 - 90	0.117	0.	0.	0.	0.	0.
90 - 60	0.150	0.	0.	0.	0.	0.
60 - 30	0.192	0.	0.	0.	0.	0.
30 - 0	0.308	0.017	0.	0.	0.	0.

TABLE 70

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.071	0.	0.	0.	0.	0.
270 - 240	0.079	0.	0.	0.	0.	0.
240 - 210	0.114	0.	0.	0.	0.	0.
210 - 180	0.157	0.	0.	0.	0.	0.
180 - 150	0.207	0.	0.	0.	0.	0.
150 - 120	0.207	0.	0.	0.	0.	0.
120 - 90	0.236	0.	0.	0.	0.	0.
90 - 60	0.250	0.	0.	0.	0.	0.
60 - 30	0.279	0.014	0.	0.	0.	0.
30 - 0	0.343	0.029	0.	0.	0.	0.

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TABLE 20

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.156	0.	0.	0.	0.	0.
270 - 240	0.181	0.	0.	0.	0.	0.
240 - 210	0.225	0.	0.	0.	0.	0.
210 - 180	0.250	0.006	0.	0.	0.	0.
180 - 150	0.275	0.012	0.	0.	0.	0.
150 - 120	0.275	0.012	0.	0.	0.	0.
120 - 90	0.300	0.012	0.	0.	0.	0.
90 - 60	0.344	0.044	0.	0.	0.	0.
60 - 30	0.381	0.050	0.	0.	0.	0.
30 - 0	0.419	0.081	0.019	0.	0.	0.

TABLE 91/4

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 10 M

SITE 3

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TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.	0.	0.	0.	0.	0.
90 - 60	0.	0.	0.	0.	0.	0.
60 - 30	0.100	0.	0.	0.	0.	0.
30 - 0	0.400	0.	0.	0.	0.	0.

TABLE 71

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.025	0.	0.	0.	0.	0.
240 - 210	0.075	0.	0.	0.	0.	0.
210 - 180	0.075	0.	0.	0.	0.	0.
180 - 150	0.100	0.	0.	0.	0.	0.
150 - 120	0.100	0.	0.	0.	0.	0.
120 - 90	0.150	0.	0.	0.	0.	0.
90 - 60	0.250	0.	0.	0.	0.	0.
60 - 30	0.375	0.	0.	0.	0.	0.
30 - 0	0.650	0.	0.	0.	0.	0.

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TABLE 71

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.133	0.067	0.	0.	0.	0.
270 - 240	0.217	0.067	0.	0.	0.	0.
240 - 210	0.250	0.067	0.	0.	0.	0.
210 - 180	0.250	0.067	0.	0.	0.	0.
180 - 150	0.267	0.100	0.	0.	0.	0.
150 - 120	0.267	0.100	0.	0.	0.	0.
120 - 90	0.300	0.100	0.	0.	0.	0.
90 - 60	0.333	0.100	0.	0.	0.	0.
60 - 30	0.450	0.100	0.	0.	0.	0.
30 - 0	0.583	0.100	0.	0.	0.	0.

TABLE 4

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.175	0.050	0.	0.	0.	0.
270 - 240	0.188	0.063	0.	0.	0.	0.
240 - 210	0.213	0.100	0.	0.	0.	0.
210 - 180	0.250	0.100	0.	0.	0.	0.
180 - 150	0.250	0.100	0.	0.	0.	0.
150 - 120	0.250	0.100	0.	0.	0.	0.
120 - 90	0.338	0.100	0.	0.	0.	0.
90 - 60	0.413	0.100	0.	0.	0.	0.
60 - 30	0.513	0.113	0.025	0.	0.	0.
30 - 0	0.700	0.113	0.025	0.	0.	0.

TABLE 4

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.170	0.040	0.	0.	0.	0.
270 - 240	0.170	0.040	0.	0.	0.	0.
240 - 210	0.250	0.040	0.	0.	0.	0.
210 - 180	0.280	0.040	0.	0.	0.	0.
180 - 150	0.320	0.040	0.	0.	0.	0.
150 - 120	0.320	0.040	0.	0.	0.	0.
120 - 90	0.390	0.040	0.	0.	0.	0.
90 - 60	0.430	0.050	0.	0.	0.	0.
60 - 30	0.500	0.050	0.	0.	0.	0.
30 - 0	0.720	0.050	0.	0.	0.	0.

TABLE 11 4

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.150	0.025	0.	0.	0.	0.
270 - 240	0.158	0.025	0.	0.	0.	0.
240 - 210	0.192	0.033	0.	0.	0.	0.
210 - 180	0.200	0.033	0.	0.	0.	0.
180 - 150	0.225	0.033	0.	0.	0.	0.
150 - 120	0.225	0.033	0.	0.	0.	0.
120 - 90	0.267	0.042	0.	0.	0.	0.
90 - 60	0.358	0.042	0.	0.	0.	0.
60 - 30	0.508	0.050	0.	0.	0.	0.
30 - 0	0.675	0.050	0.	0.	0.	0.

TABLE 7

3 7

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.121	0.029	0.	0.	0.	0.
270 - 240	0.121	0.029	0.	0.	0.	0.
240 - 210	0.150	0.029	0.	0.	0.	0.
210 - 180	0.157	0.029	0.	0.	0.	0.
180 - 150	0.171	0.029	0.	0.	0.	0.
150 - 120	0.171	0.029	0.	0.	0.	0.
120 - 90	0.214	0.036	0.	0.	0.	0.
90 - 60	0.271	0.036	0.	0.	0.	0.
60 - 30	0.386	0.036	0.	0.	0.	0.
30 - 0	0.593	0.036	0.007	0.	0.	0.

TABLE 7/

3 8

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.094	0.025	0.	0.	0.	0.
270 - 240	0.100	0.025	0.	0.	0.	0.
240 - 210	0.125	0.025	0.	0.	0.	0.
210 - 180	0.144	0.025	0.	0.	0.	0.
180 - 150	0.163	0.025	0.006	0.	0.	0.
150 - 120	0.163	0.025	0.006	0.	0.	0.
120 - 90	0.181	0.025	0.006	0.	0.	0.
90 - 60	0.219	0.025	0.006	0.	0.	0.
60 - 30	0.325	0.025	0.012	0.	0.	0.
30 - 0	0.581	0.031	0.012	0.	0.	0.

3

TABLE 72

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.	0.	0.	0.	0.	0.
90 - 60	0.	0.	0.	0.	0.	0.
60 - 30	0.200	0.	0.	0.	0.	0.
30 - 0	0.650	0.	0.	0.	0.	0.

TABLE 72

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.025	0.	0.	0.	0.	0.
240 - 210	0.075	0.	0.	0.	0.	0.
210 - 180	0.075	0.	0.	0.	0.	0.
180 - 150	0.125	0.	0.	0.	0.	0.
150 - 120	0.125	0.	0.	0.	0.	0.
120 - 90	0.125	0.	0.	0.	0.	0.
90 - 60	0.275	0.	0.	0.	0.	0.
60 - 30	0.375	0.	0.	0.	0.	0.
30 - 0	0.675	0.	0.	0.	0.	0.

TABLE 72

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.133	0.067	0.	0.	0.	0.
270 - 240	0.217	0.067	0.	0.	0.	0.
240 - 210	0.250	0.067	0.	0.	0.	0.
210 - 180	0.250	0.067	0.	0.	0.	0.
180 - 150	0.267	0.100	0.	0.	0.	0.
150 - 120	0.267	0.100	0.	0.	0.	0.
120 - 90	0.300	0.100	0.	0.	0.	0.
90 - 60	0.367	0.100	0.	0.	0.	0.
60 - 30	0.467	0.100	0.	0.	0.	0.
30 - 0	0.583	0.100	0.	0.	0.	0.

TABLE 72

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.175	0.063	0.	0.	0.	0.
270 - 240	0.175	0.063	0.	0.	0.	0.
240 - 210	0.225	0.100	0.	0.	0.	0.
210 - 180	0.250	0.100	0.	0.	0.	0.
180 - 150	0.250	0.100	0.	0.	0.	0.
150 - 120	0.250	0.100	0.	0.	0.	0.
120 - 90	0.350	0.100	0.	0.	0.	0.
90 - 60	0.400	0.100	0.	0.	0.	0.
60 - 30	0.550	0.100	0.025	0.	0.	0.
30 - 0	0.750	0.100	0.025	0.	0.	0.

TABLE 72

PROBABILITY OF SHIELDING
TARGET POSITION 8
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0.	100	200	300	400	500
300 - 270	0.180	0.040	0.	0.	0.	0.
270 - 240	0.200	0.040	0.	0.	0.	0.
240 - 210	0.260	0.040	0.	0.	0.	0.
210 - 180	0.310	0.040	0.	0.	0.	0.
180 - 150	0.330	0.040	0.	0.	0.	0.
150 - 120	0.330	0.040	0.	0.	0.	0.
120 - 90	0.390	0.040	0.	0.	0.	0.
90 - 60	0.430	0.040	0.	0.	0.	0.
60 - 30	0.510	0.050	0.	0.	0.	0.
30 - 0	0.740	0.060	0.010	0.	0.	0.

TABLE 12

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE . 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.142	0.025	0.	0.	0.	0.
270 - 240	0.175	0.025	0.	0.	0.	0.
240 - 210	0.192	0.033	0.	0.	0.	0.
210 - 180	0.192	0.033	0.	0.	0.	0.
180 - 150	0.225	0.033	0.	0.	0.	0.
150 - 120	0.225	0.033	0.	0.	0.	0.
120 - 90	0.267	0.042	0.	0.	0.	0.
90 - 60	0.383	0.042	0.	0.	0.	0.
60 - 30	0.483	0.042	0.	0.	0.	0.
30 - 0	0.692	0.050	0.	0.	0.	0.

TABLE 72

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.107	0.029	0.	0.	0.	0.
270 - 240	0.129	0.029	0.	0.	0.	0.
240 - 210	0.150	0.029	0.	0.	0.	0.
210 - 180	0.157	0.029	0.	0.	0.	0.
180 - 150	0.186	0.029	0.	0.	0.	0.
150 - 120	0.186	0.029	0.	0.	0.	0.
120 - 90	0.221	0.036	0.	0.	0.	0.
90 - 60	0.264	0.036	0.	0.	0.	0.
60 - 30	0.421	0.036	0.007	0.	0.	0.
30 - 0	0.629	0.036	0.014	0.	0.	0.

TABLE 72

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.088	0.019	0.	0.	0.	0.
270 - 240	0.094	0.025	0.	0.	0.	0.
240 - 210	0.125	0.025	0.006	0.	0.	0.
210 - 180	0.162	0.025	0.006	0.	0.	0.
180 - 150	0.188	0.025	0.006	0.	0.	0.
150 - 120	0.188	0.025	0.006	0.	0.	0.
120 - 90	0.213	0.031	0.006	0.	0.	0.
90 - 60	0.294	0.031	0.006	0.	0.	0.
60 - 30	0.394	0.031	0.006	0.	0.	0.
30 - 0	0.681	0.031	0.012	0.	0.	0.

TABLE 23

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.	0.	0.	0.	0.	0.
90 - 60	0.	0.	0.	0.	0.	0.
60 - 30	0.100	0.	0.	0.	0.	0.
30 - 0	0.450	0.	0.	0.	0.	0.

TABLE 23

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.025	0.	0.	0.	0.	0.
240 - 210	0.075	0.	0.	0.	0.	0.
210 - 180	0.075	0.	0.	0.	0.	0.
180 - 150	0.125	0.	0.	0.	0.	0.
150 - 120	0.125	0.	0.	0.	0.	0.
120 - 90	0.125	0.	0.	0.	0.	0.
90 - 60	0.250	0.	0.	0.	0.	0.
60 - 30	0.375	0.	0.	0.	0.	0.
30 - 0	0.625	0.	0.	0.	0.	0.

TABLE 23

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.133	0.067	0.	0.	0.	0.
270 - 240	0.233	0.067	0.	0.	0.	0.
240 - 210	0.250	0.067	0.	0.	0.	0.
210 - 180	0.250	0.083	0.	0.	0.	0.
180 - 150	0.250	0.100	0.	0.	0.	0.
150 - 120	0.250	0.100	0.	0.	0.	0.
120 - 90	0.300	0.100	0.	0.	0.	0.
90 - 60	0.350	0.100	0.	0.	0.	0.
60 - 30	0.433	0.100	0.	0.	0.	0.
30 - 0	0.567	0.100	0.	0.	0.	0.

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TABLE 23

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.175	0.063	0.	0.	0.	0.
270 - 240	0.188	0.063	0.	0.	0.	0.
240 - 210	0.238	0.100	0.	0.	0.	0.
210 - 180	0.262	0.100	0.	0.	0.	0.
180 - 150	0.262	0.100	0.	0.	0.	0.
150 - 120	0.262	0.100	0.	0.	0.	0.
120 - 90	0.363	0.100	0.	0.	0.	0.
90 - 60	0.413	0.100	0.	0.	0.	0.
60 - 30	0.525	0.100	0.025	0.	0.	0.
30 - 0	0.712	0.100	0.025	0.	0.	0.

TABLE 23

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.180	0.040	0.	0.	0.	0.
270 - 240	0.190	0.040	0.	0.	0.	0.
240 - 210	0.270	0.040	0.	0.	0.	0.
210 - 180	0.300	0.040	0.	0.	0.	0.
180 - 150	0.320	0.040	0.	0.	0.	0.
150 - 120	0.320	0.040	0.	0.	0.	0.
120 - 90	0.360	0.040	0.	0.	0.	0.
90 - 60	0.400	0.040	0.	0.	0.	0.
60 - 30	0.470	0.040	0.	0.	0.	0.
30 - 0	0.680	0.050	0.	0.	0.	0.

TABLE 23

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.133	0.017	0.	0.	0.	0.
270 - 240	0.158	0.017	0.	0.	0.	0.
240 - 210	0.200	0.033	0.	0.	0.	0.
210 - 180	0.217	0.033	0.	0.	0.	0.
180 - 150	0.225	0.033	0.	0.	0.	0.
150 - 120	0.225	0.033	0.	0.	0.	0.
120 - 90	0.275	0.042	0.	0.	0.	0.
90 - 60	0.350	0.050	0.	0.	0.	0.
60 - 30	0.492	0.050	0.	0.	0.	0.
30 - 0	0.642	0.050	0.	0.	0.	0.

TABLE 13

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.093	0.029	0.	0.	0.	0.
270 - 240	0.114	0.029	0.	0.	0.	0.
240 - 210	0.150	0.029	0.007	0.	0.	0.
210 - 180	0.164	0.029	0.007	0.	0.	0.
180 - 150	0.193	0.036	0.007	0.	0.	0.
150 - 120	0.193	0.036	0.007	0.	0.	0.
120 - 90	0.271	0.036	0.007	0.	0.	0.
90 - 60	0.314	0.043	0.007	0.	0.	0.
60 - 30	0.450	0.043	0.007	0.	0.	0.
30 - 0	0.671	0.043	0.007	0.	0.	0.

TABLE 33

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.094	0.019	0.006	0.	0.	0.
270 - 240	0.100	0.019	0.006	0.	0.	0.
240 - 210	0.131	0.025	0.006	0.	0.	0.
210 - 180	0.150	0.025	0.006	0.	0.	0.
180 - 150	0.169	0.031	0.006	0.	0.	0.
150 - 120	0.169	0.031	0.006	0.	0.	0.
120 - 90	0.200	0.031	0.006	0.	0.	0.
90 - 60	0.275	0.031	0.006	0.	0.	0.
60 - 30	0.375	0.038	0.012	0.	0.	0.
30 - 0	0.663	0.038	0.012	0.	0.	0.

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TABLE 7F

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.	0.	0.	0.	0.	0.
90 - 60	0.	0.	0.	0.	0.	0.
60 - 30	0.200	0.	0.	0.	0.	0.
30 - 0	0.650	0.	0.	0.	0.	0.

TABLE 7

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.025	0.	0.	0.	0.	0.
240 - 210	0.075	0.	0.	0.	0.	0.
210 - 180	0.075	0.	0.	0.	0.	0.
180 - 150	0.125	0.	0.	0.	0.	0.
150 - 120	0.125	0.	0.	0.	0.	0.
120 - 90	0.150	0.	0.	0.	0.	0.
90 - 60	0.250	0.	0.	0.	0.	0.
60 - 30	0.350	0.	0.	0.	0.	0.
30 - 0	0.675	0.	0.	0.	0.	0.

TABLE 7B

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.150	0.067	0.	0.	0.	0.
270 - 240	0.233	0.067	0.	0.	0.	0.
240 - 210	0.267	0.083	0.	0.	0.	0.
210 - 180	0.267	0.083	0.	0.	0.	0.
180 - 150	0.283	0.100	0.	0.	0.	0.
150 - 120	0.283	0.100	0.	0.	0.	0.
120 - 90	0.300	0.100	0.	0.	0.	0.
90 - 60	0.367	0.100	0.	0.	0.	0.
60 - 30	0.483	0.100	0.	0.	0	0.
30 - 0	0.567	0.100	0.017	0.	0.	0.

TABLE 7

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.175	0.063	0.	0.	0.	0.
270 - 240	0.175	0.063	0.	0.	0.	0.
240 - 210	0.213	0.100	0.	0.	0.	0.
210 - 180	0.250	0.100	0.	0.	0.	0.
180 - 150	0.275	0.100	0.	0.	0.	0.
150 - 120	0.275	0.100	0.	0.	0.	0.
120 - 90	0.363	0.100	0.	0.	0.	0.
90 - 60	0.400	0.100	0.	0.	0.	0.
60 - 30	0.513	0.100	0.025	0.	0.	0.
30 - 0	0.688	0.100	0.025	0.	0.	0.

TABLE 24

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.190	0.040	0.	0.	0.	0.
270 - 240	0.200	0.040	0.	0.	0.	0.
240 - 210	0.260	0.040	0.	0.	0.	0.
210 - 180	0.300	0.040	0.	0.	0.	0.
180 - 150	0.320	0.040	0.	0.	0.	0.
150 - 120	0.320	0.040	0.	0.	0.	0.
120 - 90	0.360	0.050	0.	0.	0.	0.
90 - 60	0.410	0.050	0.	0.	0.	0.
60 - 30	0.490	0.050	0.	0.	0.	0.
30 - 0	0.690	0.050	0.	0.	0.	0.

TABLE 7F

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.158	0.017	0.	0.	0.	0.
270 - 240	0.167	0.017	0.	0.	0.	0.
240 - 210	0.217	0.025	0.	0.	0.	0.
210 - 180	0.233	0.025	0.	0.	0.	0.
180 - 150	0.267	0.042	0.008	0.	0.	0.
150 - 120	0.267	0.042	0.008	0.	0.	0.
120 - 90	0.308	0.042	0.008	0.	0.	0.
90 - 60	0.467	0.042	0.008	0.	0.	0.
60 - 30	0.575	0.050	0.008	0.	0.	0.
30 - 0	0.767	0.058	0.008	0.	0.	0.

TABLE 7

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 70 M

TARGET HEIGHT INCREMENT; CM	HEIGHTS OF BURST; CM					
	0	100	200	300	400	500
300 - 270	0.121	0.029	0.007	0.	0.	0.
270 - 240	0.121	0.029	0.007	0.	0.	0.
240 - 210	0.157	0.029	0.007	0.	0.	0.
210 - 180	0.186	0.029	0.007	0.	0.	0.
180 - 150	0.186	0.036	0.007	0.	0.	0.
150 - 120	0.186	0.036	0.007	0.	0.	0.
120 - 90	0.243	0.036	0.007	0.	0.	0.
90 - 60	0.371	0.043	0.007	0.	0.	0.
60 - 30	0.500	0.043	0.007	0.	0.	0.
30 - 0	0.714	0.050	0.007	0.	0.	0.

TABLE 7f

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PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.100	0.025	0.006	0.	0.	0.
270 - 240	0.100	0.025	0.006	0.	0.	0.
240 - 210	0.144	0.025	0.006	0.	0.	0.
210 - 180	0.150	0.025	0.006	0.	0.	0.
180 - 150	0.181	0.031	0.006	0.	0.	0.
150 - 120	0.181	0.031	0.006	0.	0.	0.
120 - 90	0.244	0.038	0.006	0.	0.	0.
90 - 60	0.294	0.038	0.006	0.	0.	0.
60 - 30	0.400	0.038	0.006	0.	0.	0.
30 - 0	0.694	0.044	0.006	0.	0.	0.

TABLE 95

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.	0.	0.	0.	0.	0.
90 - 60	0.	0.	0.	0.	0.	0.
60 - 30	0.100	0.	0.	0.	0.	0.
30 - 0	0.550	0.	0.	0.	0.	0.

TABLE 15

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.025	0.	0.	0.	0.	0.
240 - 210	0.075	0.	0.	0.	0.	0.
210 - 180	0.100	0.	0.	0.	0.	0.
180 - 150	0.150	0.	0.	0.	0.	0.
150 - 120	0.150	0.	0.	0.	0.	0.
120 - 90	0.150	0.	0.	0.	0.	0.
90 - 60	0.225	0.	0.	0.	0.	0.
60 - 30	0.350	0.	0.	0.	0.	0.
30 - 0	0.625	0.	0.	0.	0.	0.

TABLE 25

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.167	0.067	0.	0.	0.	0.
270 - 240	0.217	0.067	0.	0.	0.	0.
240 - 210	0.267	0.083	0.	0.	0.	0.
210 - 180	0.267	0.100	0.	0.	0.	0.
180 - 150	0.267	0.100	0.	0.	0.	0.
150 - 120	0.267	0.100	0.	0.	0.	0.
120 - 90	0.317	0.100	0.	0.	0.	0.
90 - 60	0.333	0.100	0.	0.	0.	0.
60 - 30	0.400	0.100	0.	0.	0.	0.
30 - 0	0.533	0.117	0.017	0.	0.	0.

TABLE 75

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.175	0.063	0.	0.	0.	0.
270 - 240	0.175	0.063	0.	0.	0.	0.
240 - 210	0.225	0.088	0.	0.	0.	0.
210 - 180	0.250	0.100	0.	0.	0.	0.
180 - 150	0.250	0.100	0.	0.	0.	0.
150 - 120	0.250	0.100	0.	0.	0.	0.
120 - 90	0.313	0.100	0.	0.	0.	0.
90 - 60	0.387	0.100	0.	0.	0.	0.
60 - 30	0.488	0.100	0.012	0.	0.	0.
30 - 0	0.638	0.100	0.012	0.	0.	0.

TABLE 25

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.180	0.040	0.	0.	0.	0.
270 - 240	0.220	0.040	0.	0.	0.	0.
240 - 210	0.280	0.040	0.	0.	0.	0.
210 - 180	0.320	0.040	0.	0.	0.	0.
180 - 150	0.340	0.040	0.010	0.	0.	0.
150 - 120	0.340	0.040	0.010	0.	0.	0.
120 - 90	0.400	0.040	0.010	0.	0.	0.
90 - 60	0.480	0.050	0.010	0.	0.	0.
60 - 30	0.600	0.050	0.010	0.	0.	0.
30 - 0	0.770	0.050	0.010	0.	0.	0.

TABLE 75

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.142	0.017	0.	0.	0.	0.
270 - 240	0.150	0.017	0.	0.	0.	0.
240 - 210	0.208	0.025	0.008	0.	0.	0.
210 - 180	0.225	0.025	0.008	0.	0.	0.
180 - 150	0.250	0.033	0.008	0.	0.	0.
150 - 120	0.250	0.033	0.008	0.	0.	0.
120 - 90	0.283	0.042	0.008	0.	0.	0.
90 - 60	0.450	0.050	0.008	0.	0.	0.
60 - 30	0.583	0.050	0.008	0.	0.	0.
30 - 0	0.717	0.058	0.008	0.	0.	0.

TABLE 25

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.129	0.029	0.	0.	0.	0.
270 - 240	0.129	0.029	0.007	0.	0.	0.
240 - 210	0.164	0.029	0.007	0.	0.	0.
210 - 180	0.193	0.029	0.007	0.	0.	0.
180 - 150	0.200	0.029	0.007	0.	0.	0.
150 - 120	0.200	0.029	0.007	0.	0.	0.
120 - 90	0.257	0.036	0.007	0.	0.	0.
90 - 60	0.336	0.036	0.007	0.	0.	0.
60 - 30	0.421	0.043	0.007	0.	0.	0.
30 - 0	0.679	0.057	0.007	0.	0.	0.

TABLE 75

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.100	0.019	0.006	0.	0.	0.
270 - 240	0.100	0.025	0.006	0.	0.	0.
240 - 210	0.125	0.025	0.006	0.	0.	0.
210 - 180	0.175	0.025	0.006	0.	0.	0.
180 - 150	0.200	0.025	0.006	0.	0.	0.
150 - 120	0.200	0.025	0.006	0.	0.	0.
120 - 90	0.225	0.031	0.006	0.	0.	0.
90 - 60	0.294	0.038	0.006	0.	0.	0.
60 - 30	0.356	0.038	0.006	0.	0.	0.
30 - 0	0.650	0.069	0.006	0.	0.	0.

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TABLE 76

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.050	0.	0.	0.	0.	0.
210 - 180	0.250	0.	0.	0.	0.	0.
180 - 150	0.400	0.	0.	0.	0.	0.
150 - 120	0.400	0.	0.	0.	0.	0.
120 - 90	0.450	0.	0.	0.	0.	0.
90 - 60	0.450	0.050	0.	0.	0.	0.
60 - 30	0.550	0.050	0.	0.	0.	0.
30 - 0	0.600	0.100	0.	0.	0.	0.

TABLE 76

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.050	0.	0.	0.	0.	0.
270 - 240	0.075	0.	0.	0.	0.	0.
240 - 210	0.200	0.	0.	0.	0.	0.
210 - 180	0.325	0.	0.	0.	0.	0.
180 - 150	0.425	0.	0.	0.	0.	0.
150 - 120	0.425	0.	0.	0.	0.	0.
120 - 90	0.775	0.	0.	0.	0.	0.
90 - 60	0.800	0.450	0.	0.	0.	0.
60 - 30	0.825	0.650	0.075	0.	0.	0.
30 - 0	0.850	0.650	0.550	0.	0.	0.

TABLE 76

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.017	0.	0.	0.	0.	0.
270 - 240	0.033	0.	0.	0.	0.	0.
240 - 210	0.100	0.	0.	0.	0.	0.
210 - 180	0.150	0.	0.	0.	0.	0.
180 - 150	0.267	0.	0.	0.	0.	0.
150 - 120	0.267	0.	0.	0.	0.	0.
120 - 90	0.350	0.	0.	0.	0.	0.
90 - 60	0.467	0.083	0.	0.	0.	0.
60 - 30	0.817	0.317	0.	0.	0.	0.
30 - 0	0.900	0.783	0.300	0.	0.	0.

TABLE 4

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.038	0.	0.	0.	0.	0.
270 - 240	0.100	0.	0.	0.	0.	0.
240 - 210	0.100	0.	0.	0.	0.	0.
210 - 180	0.213	0.	0.	0.	0.	0.
180 - 150	0.313	0.	0.	0.	0.	0.
150 - 120	0.313	0.	0.	0.	0.	0.
120 - 90	0.350	0.	0.	0.	0.	0.
90 - 60	0.463	0.063	0.	0.	0.	0.
60 - 30	0.588	0.200	0.	0.	0.	0.
30 - 0	0.788	0.587	0.225	0.	0.	0.

TABLE 7A

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PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.230	0.	0.	0.	0.	0.
270 - 240	0.240	0.	0.	0.	0.	0.
240 - 210	0.280	0.040	0.	0.	0.	0.
210 - 180	0.320	0.090	0.	0.	0.	0.
180 - 150	0.340	0.090	0.	0.	0.	0.
150 - 120	0.340	0.090	0.	0.	0.	0.
120 - 90	0.380	0.120	0.	0.	0.	0.
90 - 60	0.430	0.230	0.	0.	0.	0.
60 - 30	0.490	0.310	0.050	0.	0.	0.
30 - 0	0.650	0.530	0.290	0.130	0.060	0.

TABLE 35

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.308	0.075	0.	0.	0.	0.
270 - 240	0.308	0.100	0.	0.	0.	0.
240 - 210	0.350	0.133	0.	0.	0.	0.
210 - 180	0.375	0.167	0.017	0.	0.	0.
180 - 150	0.375	0.217	0.033	0.	0.	0.
150 - 120	0.375	0.217	0.033	0.	0.	0.
120 - 90	0.417	0.242	0.042	0.	0.	0.
90 - 60	0.450	0.325	0.058	0.	0.	0.
60 - 30	0.517	0.367	0.208	0.	0.	0.
30 - 0	0.617	0.508	0.350	0.225	0.183	0.017

AD-A040 173 ARMY ENGINEER WATERWAYS EXPERIMENT STATION VICKSBURG MISS F/G 18/6
ANALYTICAL STUDY OF GROUND-SURFACE SHIELDING CHARACTERISTICS OF--ETC(U)
JUN 74 H W WEST, P L DOIRON, J A PARKS

UNCLASSIFIED WES-TR-M-74-4-VOL-2 NL

18 OF 21
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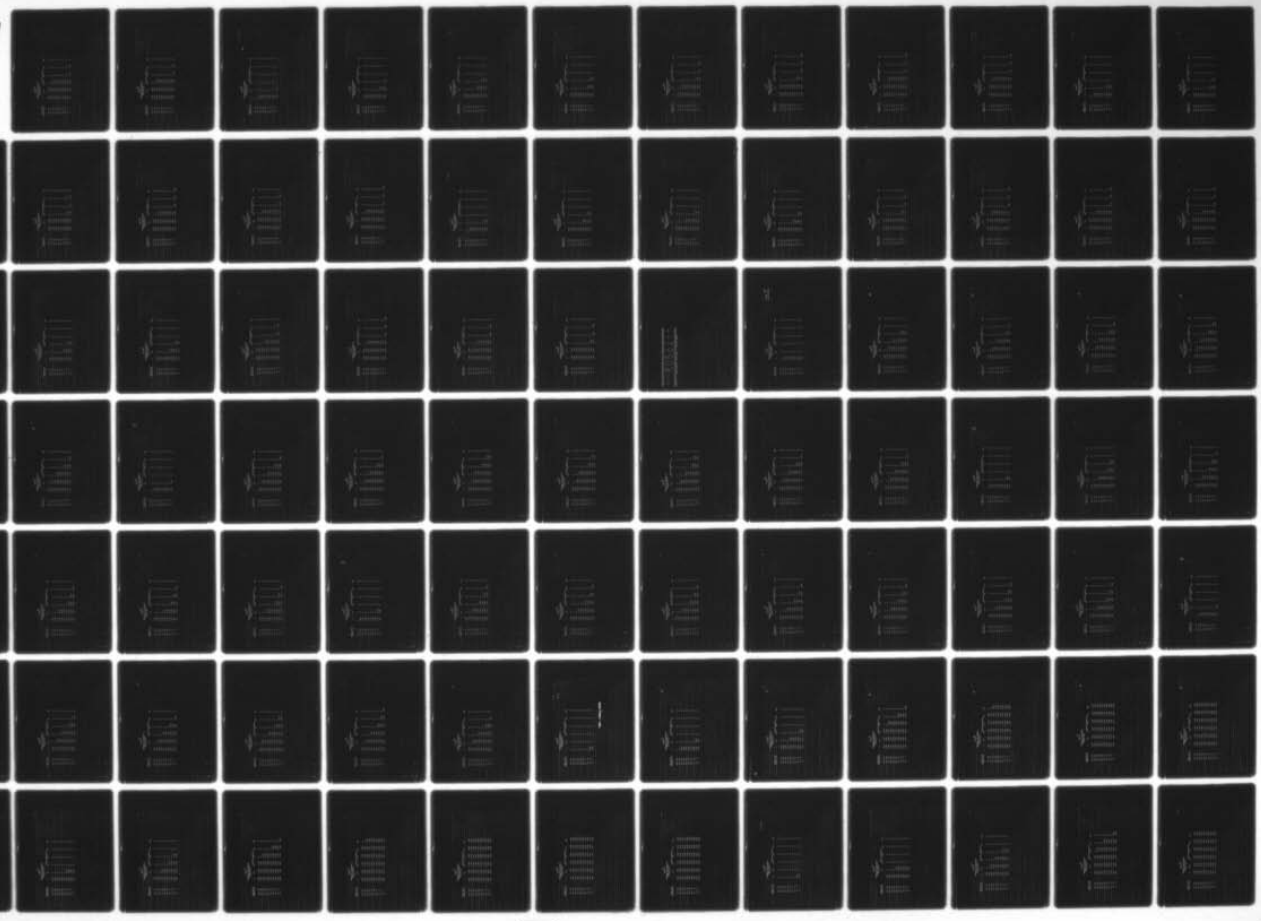

TABLE 16

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.207	0.079	0.	0.	0.	0.
270 - 240	0.236	0.086	0.	0.	0.	0.
240 - 210	0.264	0.107	0.007	0.	0.	0.
210 - 180	0.286	0.121	0.014	0.	0.	0.
180 - 150	0.343	0.136	0.029	0.	0.	0.
150 - 120	0.343	0.136	0.029	0.	0.	0.
120 - 90	0.364	0.164	0.050	0.	0.	0.
90 - 60	0.436	0.250	0.064	0.	0.	0.
60 - 30	0.521	0.300	0.136	0.	0.	0.
30 - 0	0.614	0.514	0.386	0.271	0.164	0.

TABLE IV

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.194	0.056	0.	0.	0.	0.
270 - 240	0.200	0.069	0.	0.	0.	0.
240 - 210	0.225	0.087	0.012	0.	0.	0.
210 - 180	0.244	0.087	0.025	0.	0.	0.
180 - 150	0.269	0.106	0.038	0.	0.	0.
150 - 120	0.269	0.106	0.038	0.	0.	0.
120 - 90	0.306	0.150	0.050	0.	0.	0.
90 - 60	0.331	0.219	0.063	0.	0.	0.
60 - 30	0.356	0.256	0.112	0.	0.	0.
30 - 0	0.562	0.406	0.288	0.131	0.094	0.

SITE Y

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TABLE 77

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.050	0.	0.	0.	0.	0.
210 - 180	0.350	0.	0.	0.	0.	0.
180 - 150	0.400	0.	0.	0.	0.	0.
150 - 120	0.400	0.	0.	0.	0.	0.
120 - 90	0.450	0.	0.	0.	0.	0.
90 - 60	0.450	0.	0.	0.	0.	0.
60 - 30	0.450	0.	0.	0.	0.	0.
30 - 0	0.500	0.100	0.	0.	0.	0.

TABLE 77 A

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.100	0.	0.	0.	0.	0.
240 - 210	0.200	0.	0.	0.	0.	0.
210 - 180	0.325	0.	0.	0.	0.	0.
180 - 150	0.450	0.	0.	0.	0.	0.
150 - 120	0.450	0.	0.	0.	0.	0.
120 - 90	0.800	0.	0.	0.	0.	0.
90 - 60	0.850	0.475	0.	0.	0.	0.
60 - 30	0.850	0.650	0.	0.	0.	0.
30 - 0	0.850	0.675	0.550	0.	0.	0.

TABLE 77

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.050	0.	0.	0.	0.	0.
270 - 240	0.067	0.	0.	0.	0.	0.
240 - 210	0.117	0.	0.	0.	0.	0.
210 - 180	0.200	0.	0.	0.	0.	0.
180 - 150	0.250	0.	0.	0.	0.	0.
150 - 120	0.250	0.	0.	0.	0.	0.
120 - 90	0.350	0.050	0.	0.	0.	0.
90 - 60	0.467	0.200	0.	0.	0.	0.
60 - 30	0.733	0.383	0.067	0.	0.	0.
30 - 0	0.883	0.700	0.350	0.	0.	0.

TABLE 77

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.038	0.	0.	0.	0.	0.
270 - 240	0.050	0.	0.	0.	0.	0.
240 - 210	0.063	0.	0.	0.	0.	0.
210 - 180	0.200	0.	0.	0.	0.	0.
180 - 150	0.325	0.	0.	0.	0.	0.
150 - 120	0.325	0.	0.	0.	0.	0.
120 - 90	0.400	0.	0.	0.	0.	0.
90 - 60	0.488	0.137	0.	0.	0.	0.
60 - 30	0.600	0.262	0.050	0.	0.	0.
30 - 0	0.738	0.613	0.313	0.	0.	0.

TABLE 77

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.230	0.	0.	0.	0.	0.
270 - 240	0.260	0.	0.	0.	0.	0.
240 - 210	0.310	0.030	0.	0.	0.	0.
210 - 180	0.320	0.070	0.	0.	0.	0.
180 - 150	0.350	0.070	0.	0.	0.	0.
150 - 120	0.350	0.070	0.	0.	0.	0.
120 - 90	0.420	0.120	0.	0.	0.	0.
90 - 60	0.480	0.250	0.	0.	0.	0.
60 - 30	0.560	0.380	0.090	0.	0.	0.
30 - 0	0.680	0.590	0.380	0.160	0.090	0.

TABLE 77

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.292	0.083	0.	0.	0.	0.
270 - 240	0.300	0.117	0.	0.	0.	0.
240 - 210	0.342	0.133	0.	0.	0.	0.
210 - 180	0.375	0.158	0.	0.	0.	0.
180 - 150	0.383	0.233	0.	0.	0.	0.
150 - 120	0.383	0.233	0.	0.	0.	0.
120 - 90	0.433	0.233	0.	0.	0.	0.
90 - 60	0.492	0.325	0.050	0.	0.	0.
60 - 30	0.550	0.408	0.183	0.	0.	0.
30 - 0	0.650	0.583	0.400	0.233	0.208	0.150

TABLE 77

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM 0	100	200	300	400	500
300 - 270	0.207	0.093	0.	0.	0.	0.
270 - 240	0.229	0.100	0.	0.	0.	0.
240 - 210	0.257	0.107	0.029	0.	0.	0.
210 - 180	0.279	0.129	0.036	0.	0.	0.
180 - 150	0.314	0.136	0.057	0.	0.	0.
150 - 120	0.314	0.136	0.057	0.	0.	0.
120 - 90	0.343	0.171	0.064	0.	0.	0.
90 - 60	0.421	0.236	0.079	0.	0.	0.
60 - 30	0.536	0.407	0.121	0.	0.	0.
30 - 0	0.621	0.564	0.436	0.279	0.293	0.086

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TABLE 27

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.188	0.063	0.	0.	0.	0.
270 - 240	0.200	0.081	0.	0.	0.	0.
240 - 210	0.231	0.094	0.006	0.	0.	0.
210 - 180	0.250	0.106	0.031	0.	0.	0.
180 - 150	0.275	0.119	0.044	0.	0.	0.
150 - 120	0.275	0.119	0.044	0.	0.	0.
120 - 90	0.306	0.156	0.050	0.	0.	0.
90 - 60	0.344	0.194	0.069	0.	0.	0.
60 - 30	0.413	0.250	0.100	0.	0.	0.
30 - 0	0.475	0.494	0.331	0.156	0.112	0.050

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TABLE 78

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.050	0.	0.	0.	0.	0.
210 - 180	0.250	0.	0.	0.	0.	0.
180 - 150	0.450	0.	0.	0.	0.	0.
150 - 120	0.450	0.	0.	0.	0.	0.
120 - 90	0.450	0.	0.	0.	0.	0.
90 - 60	0.450	0.050	0.	0.	0.	0.
60 - 30	0.500	0.050	0.	0.	0.	0.
30 - 0	0.550	0.150	0.	0.	0.	0.

TABLE 28

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.050	0.	0.	0.	0.	0.
270 - 240	0.100	0.	0.	0.	0.	0.
240 - 210	0.225	0.	0.	0.	0.	0.
210 - 180	0.350	0.	0.	0.	0.	0.
180 - 150	0.425	0.	0.	0.	0.	0.
150 - 120	0.425	0.	0.	0.	0.	0.
120 - 90	0.775	0.	0.	0.	0.	0.
90 - 60	0.800	0.575	0.	0.	0.	0.
60 - 30	0.825	0.650	0.075	0.	0.	0.
30 - 0	0.850	0.650	0.550	0.	0.	0.

TABLE 78

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.017	0.	0.	0.	0.	0.
270 - 240	0.067	0.	0.	0.	0.	0.
240 - 210	0.133	0.	0.	0.	0.	0.
210 - 180	0.167	0.	0.	0.	0.	0.
180 - 150	0.300	0.	0.	0.	0.	0.
150 - 120	0.300	0.	0.	0.	0.	0.
120 - 90	0.367	0.033	0.	0.	0.	0.
90 - 60	0.500	0.167	0.	0.	0.	0.
60 - 30	0.867	0.350	0.	0.	0.	0.
30 - 0	0.900	0.800	0.333	0.	0.	0.

TABLE 78 IV

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.075	0.	0.	0.	0.	0.
270 - 240	0.075	0.	0.	0.	0.	0.
240 - 210	0.100	0.	0.	0.	0.	0.
210 - 180	0.225	0.	0.	0.	0.	0.
180 - 150	0.300	0.	0.	0.	0.	0.
150 - 120	0.300	0.	0.	0.	0.	0.
120 - 90	0.375	0.	0.	0.	0.	0.
90 - 60	0.450	0.100	0.	0.	0.	0.
60 - 30	0.550	0.237	0.	0.	0.	0.
30 - 0	0.850	0.612	0.288	0.	0.	0.

TABLE 78

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.220	0.010	0.	0.	0.	0.
270 - 240	0.240	0.040	0.	0.	0.	0.
240 - 210	0.290	0.100	0.	0.	0.	0.
210 - 180	0.330	0.120	0.	0.	0.	0.
180 - 150	0.350	0.120	0.	0.	0.	0.
150 - 120	0.350	0.120	0.	0.	0.	0.
120 - 90	0.390	0.150	0.	0.	0.	0.
90 - 60	0.470	0.230	0.	0.	0.	0.
60 - 30	0.590	0.340	0.070	0.	0.	0.
30 - 0	0.680	0.580	0.360	0.140	0.070	0.

TABLE 18

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.300	0.075	0.	0.	0.	0.
270 - 240	0.317	0.108	0.	0.	0.	0.
240 - 210	0.358	0.142	0.017	0.	0.	0.
210 - 180	0.383	0.167	0.033	0.	0.	0.
180 - 150	0.400	0.217	0.042	0.	0.	0.
150 - 120	0.400	0.217	0.042	0.	0.	0.
120 - 90	0.425	0.267	0.050	0.	0.	0.
90 - 60	0.475	0.317	0.058	0.	0.	0.
60 - 30	0.533	0.392	0.217	0.	0.	0.
30 - 0	0.642	0.550	0.392	0.225	0.183	0.025

TABLE 78

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.186	0.086	0.	0.	0.	0.
270 - 240	0.200	0.093	0.	0.	0.	0.
240 - 210	0.250	0.121	0.014	0.	0.	0.
210 - 180	0.293	0.129	0.021	0.	0.	0.
180 - 150	0.343	0.136	0.036	0.	0.	0.
150 - 120	0.343	0.136	0.036	0.	0.	0.
120 - 90	0.371	0.171	0.050	0.	0.	0.
90 - 60	0.429	0.229	0.071	0.	0.	0.
60 - 30	0.529	0.343	0.114	0.	0.	0.
30 - 0	0.650	0.543	0.407	0.271	0.186	0.

TABLE 28

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.175	0.044	0.	0.	0.	0.
270 - 240	0.181	0.063	0.	0.	0.	0.
240 - 210	0.219	0.088	0.006	0.	0.	0.
210 - 180	0.231	0.094	0.006	0.	0.	0.
180 - 150	0.262	0.119	0.025	0.	0.	0.
150 - 120	0.262	0.119	0.025	0.	0.	0.
120 - 90	0.300	0.144	0.038	0.	0.	0.
90 - 60	0.319	0.213	0.050	0.	0.	0.
60 - 30	0.363	0.244	0.094	0.	0.	0.
30 - 0	0.600	0.413	0.288	0.137	0.081	0.006

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TABLE 79

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.150	0.	0.	0.	0.	0.
210 - 180	0.300	0.	0.	0.	0.	0.
180 - 150	0.450	0.	0.	0.	0.	0.
150 - 120	0.450	0.	0.	0.	0.	0.
120 - 90	0.450	0.	0.	0.	0.	0.
90 - 60	0.450	0.	0.	0.	0.	0.
60 - 30	0.450	0.050	0.	0.	0.	0.
30 - 0	0.450	0.200	0.	0.	0.	0.

TABLE 99

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.075	0.	0.	0.	0.	0.
270 - 240	0.100	0.	0.	0.	0.	0.
240 - 210	0.225	0.	0.	0.	0.	0.
210 - 180	0.375	0.	0.	0.	0.	0.
180 - 150	0.475	0.	0.	0.	0.	0.
150 - 120	0.475	0.	0.	0.	0.	0.
120 - 90	0.825	0.100	0.	0.	0.	0.
90 - 60	0.825	0.575	0.	0.	0.	0.
60 - 30	0.850	0.650	0.150	0.	0.	0.
30 - 0	0.850	0.700	0.575	0.	0.	0.

TABLE 29

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.050	0.	0.	0.	0.	0.
270 - 240	0.050	0.	0.	0.	0.	0.
240 - 210	0.167	0.	0.	0.	0.	0.
210 - 180	0.217	0.	0.	0.	0.	0.
180 - 150	0.300	0.017	0.	0.	0.	0.
150 - 120	0.300	0.017	0.	0.	0.	0.
120 - 90	0.400	0.067	0.	0.	0.	0.
90 - 60	0.500	0.233	0.	0.	0.	0.
60 - 30	0.883	0.383	0.117	0.	0.	0.
30 - 0	0.883	0.800	0.367	0.	0.	0.

TABLE 77

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.088	0.	0.	0.	0.	0.
270 - 240	0.100	0.	0.	0.	0.	0.
240 - 210	0.163	0.	0.	0.	0.	0.
210 - 180	0.225	0.	0.	0.	0.	0.
180 - 150	0.325	0.	0.	0.	0.	0.
150 - 120	0.325	0.	0.	0.	0.	0.
120 - 90	0.413	0.025	0.	0.	0.	0.
90 - 60	0.525	0.175	0.	0.	0.	0.
60 - 30	0.600	0.250	0.063	0.	0.	0.
30 - 0	0.925	0.638	0.313	0.	0.	0.

TABLE 79

5

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.220	0.090	0.	0.	0.	0.
270 - 240	0.250	0.110	0.	0.	0.	0.
240 - 210	0.300	0.120	0.	0.	0.	0.
210 - 180	0.320	0.120	0.	0.	0.	0.
180 - 150	0.360	0.130	0.	0.	0.	0.
150 - 120	0.360	0.130	0.	0.	0.	0.
120 - 90	0.410	0.190	0.	0.	0.	0.
90 - 60	0.470	0.280	0.	0.	0.	0.
60 - 30	0.560	0.360	0.100	0.	0.	0.
30 - 0	0.700	0.610	0.410	0.140	0.070	0.

TABLE 79

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.300	0.108	0.	0.	0.	0.
270 - 240	0.317	0.125	0.	0.	0.	0.
240 - 210	0.358	0.175	0.050	0.	0.	0.
210 - 180	0.375	0.208	0.050	0.	0.	0.
180 - 150	0.392	0.217	0.058	0.	0.	0.
150 - 120	0.392	0.217	0.058	0.	0.	0.
120 - 90	0.4[illegible]	0.258	0.075	0.	0.	0.
90 - 60	0.508	0.317	0.108	0.	0.	0.
60 - 30	0.583	0.400	0.208	0.	0.	0.
30 - 0	0.733	0.600	0.417	0.233	0.183	0.083

TABLE 29

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.193	0.043	0.	0.	0.	0.
270 - 240	0.229	0.057	0.	0.	0.	0.
240 - 210	0.286	0.100	0.	0.	0.	0.
210 - 180	0.321	0.114	0.007	0.	0.	0.
180 - 150	0.343	0.143	0.029	0.	0.	0.
150 - 120	0.343	0.143	0.029	0.	0.	0.
120 - 90	0.386	0.186	0.036	0.	0.	0.
90 - 60	0.479	0.271	0.057	0.	0.	0.
60 - 30	0.550	0.343	0.100	0.	0.	0.
30 - 0	0.664	0.579	0.429	0.271	0.186	0.007

TABLE 79

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.156	0.031	0.	0.	0.	0.
270 - 240	0.181	0.044	0.	0.	0.	0.
240 - 210	0.206	0.075	0.	0.	0.	0.
210 - 180	0.238	0.081	0.	0.	0.	0.
180 - 150	0.262	0.100	0.006	0.	0.	0.
150 - 120	0.262	0.100	0.006	0.	0.	0.
120 - 90	0.306	0.137	0.006	0.	0.	0.
90 - 60	0.331	0.200	0.038	0.	0.	0.
60 - 30	0.394	0.269	0.088	0.	0.	0.
30 - 0	0.650	0.469	0.300	0.137	0.088	0.019

TABLE 50

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.050	0.	0.	0.	0.	0.
270 - 240	0.050	0.	0.	0.	0.	0.
240 - 210	0.200	0.	0.	0.	0.	0.
210 - 180	0.300	0.	0.	0.	0.	0.
180 - 150	0.400	0.	0.	0.	0.	0.
150 - 120	0.400	0.	0.	0.	0.	0.
120 - 90	0.450	0.	0.	0.	0.	0.
90 - 60	0.450	0.	0.	0.	0.	0.
60 - 30	0.450	0.050	0.	0.	0.	0.
30 - 0	0.500	0.150	0.	0.	0.	0.

TABLE 50

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.100	0.	0.	0.	0.	0.
270 - 240	0.100	0.	0.	0.	0.	0.
240 - 210	0.225	0.	0.	0.	0.	0.
210 - 180	0.350	0.	0.	0.	0.	0.
180 - 150	0.450	0.	0.	0.	0.	0.
150 - 120	0.450	0.	0.	0.	0.	0.
120 - 90	0.800	0.100	0.	0.	0.	0.
90 - 60	0.825	0.475	0.	0.	0.	0.
60 - 30	0.850	0.650	0.125	0.	0.	0.
30 - 0	0.850	0.675	0.525	0.	0.	0.

TABLE 50

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.017	0.	0.	0.	0.	0.
270 - 240	0.067	0.	0.	0.	0.	0.
240 - 210	0.150	0.	0.	0.	0.	0.
210 - 180	0.183	0.	0.	0.	0.	0.
180 - 150	0.283	0.	0.	0.	0.	0.
150 - 120	0.283	0.	0.	0.	0.	0.
120 - 90	0.400	0.083	0.	0.	0.	0.
90 - 60	0.517	0.250	0.	0.	0.	0.
60 - 30	0.850	0.383	0.067	0.	0.	0.
30 - 0	0.900	0.783	0.367	0.	0.	0.

TABLE 60

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.063	0.	0.	0.	0.	0.
270 - 240	0.100	0.	0.	0.	0.	0.
240 - 210	0.175	0.	0.	0.	0.	0.
210 - 180	0.238	0.	0.	0.	0.	0.
180 - 150	0.300	0.	0.	0.	0.	0.
150 - 120	0.300	0.	0.	0.	0.	0.
120 - 90	0.388	0.038	0.	0.	0.	0.
90 - 60	0.488	0.150	0.	0.	0.	0.
60 - 30	0.563	0.250	0.075	0.	0.	0.
30 - 0	0.900	0.600	0.225	0.	0.	0.

TABLE 80

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM 0	100	200	300	400	500
300 - 270	0.210	0.110	0.	0.	0.	0.
270 - 240	0.220	0.110	0.	0.	0.	0.
240 - 210	0.300	0.130	0.	0.	0.	0.
210 - 180	0.320	0.130	0.	0.	0.	0.
180 - 150	0.360	0.140	0.020	0.	0.	0.
150 - 120	0.360	0.140	0.020	0.	0.	0.
120 - 90	0.420	0.170	0.030	0.	0.	0.
90 - 60	0.490	0.290	0.060	0.	0.	0.
60 - 30	0.580	0.360	0.130	0.	0.	0.
30 - 0	0.730	0.590	0.360	0.130	0.080	0.

TABLE 80

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.258	0.150	0.	0.	0.	0.
270 - 240	0.275	0.192	0.	0.	0.	0.
240 - 210	0.358	0.200	0.033	0.	0.	0.
210 - 180	0.375	0.200	0.050	0.	0.	0.
180 - 150	0.392	0.208	0.092	0.	0.	0.
150 - 120	0.392	0.208	0.092	0.	0.	0.
120 - 90	0.425	0.250	0.108	0.	0.	0.
90 - 60	0.467	0.308	0.167	0.	0.	0.
60 - 30	0.533	0.375	0.217	0.	0.	0.
30 - 0	0.650	0.575	0.383	0.217	0.175	0.083

TABLE 80

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.186	0.029	0.	0.	0.	0.
270 - 240	0.221	0.050	0.	0.	0.	0.
240 - 210	0.279	0.086	0.	0.	0.	0.
210 - 180	0.336	0.107	0.	0.	0.	0.
180 - 150	0.386	0.121	0.014	0.	0.	0.
150 - 120	0.386	0.121	0.014	0.	0.	0.
120 - 90	0.436	0.179	0.021	0.	0.	0.
90 - 60	0.471	0.250	0.036	0.	0.	0.
60 - 30	0.536	0.350	0.086	0.	0.	0.
30 - 0	0.650	0.521	0.393	0.257	0.157	0.

TABLE IV

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.169	0.006	0.	0.	0.	0.
270 - 240	0.181	0.006	0.	0.	0.	0.
240 - 210	0.212	0.038	0.	0.	0.	0.
210 - 180	0.231	0.063	0.	0.	0.	0.
180 - 150	0.250	0.094	0.	0.	0.	0.
150 - 120	0.250	0.094	0.	0.	0.	0.
120 - 90	0.300	0.131	0.	0.	0.	0.
90 - 60	0.331	0.175	0.	0.	0.	0.
60 - 30	0.387	0.244	0.031	0.	0.	0.
30 - 0	0.631	0.444	0.281	0.131	0.063	0.

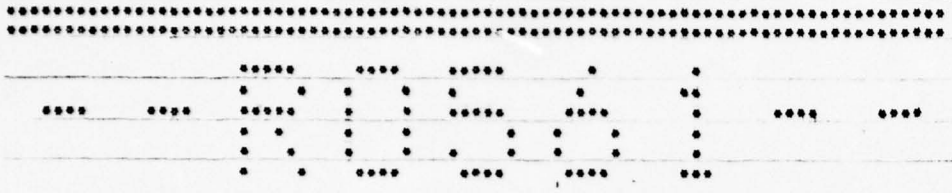

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TABLE 21

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.050	0.	0.	0.	0.	0.
210 - 180	0.150	0.	0.	0.	0.	0.
180 - 150	0.150	0.	0.	0.	0.	0.
150 - 120	0.150	0.	0.	0.	0.	0.
120 - 90	0.250	0.	0.	0.	0.	0.
90 - 60	0.450	0.	0.	0.	0.	0.
60 - 30	0.500	0.	0.	0.	0.	0.
30 - 0	0.650	0.	0.	0.	0.	0.

TABLE 91

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.350	0.	0.	0.	0.	0.
270 - 240	0.375	0.	0.	0.	0.	0.
240 - 210	0.425	0.175	0.	0.	0.	0.
210 - 180	0.500	0.250	0.	0.	0.	0.
180 - 150	0.500	0.275	0.050	0.	0.	0.
150 - 120	0.500	0.275	0.050	0.	0.	0.
120 - 90	0.525	0.275	0.175	0.	0.	0.
90 - 60	0.600	0.275	0.225	0.025	0.	0.
60 - 30	0.725	0.350	0.225	0.125	0.	0.
30 - 0	0.875	0.675	0.275	0.175	0.	0.

TABLE 81

5 3

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.150	0.	0.	0.	0.	0.
270 - 240	0.167	0.	0.	0.	0.	0.
240 - 210	0.233	0.067	0.	0.	0.	0.
210 - 180	0.283	0.133	0.	0.	0.	0.
180 - 150	0.417	0.167	0.017	0.	0.	0.
150 - 120	0.417	0.167	0.017	0.	0.	0.
120 - 90	0.467	0.317	0.117	0.	0.	0.
90 - 60	0.567	0.383	0.183	0.	0.	0.
60 - 30	0.633	0.417	0.350	0.150	0.	0.
30 - 0	0.700	0.517	0.367	0.317	0.067	0.

TABLE 21

5

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.088	0.	0.	0.	0.	0.
270 - 240	0.100	0.	0.	0.	0.	0.
240 - 210	0.150	0.038	0.	0.	0.	0.
210 - 180	0.162	0.075	0.025	0.	0.	0.
180 - 150	0.200	0.100	0.038	0.	0.	0.
150 - 120	0.200	0.100	0.038	0.	0.	0.
120 - 90	0.237	0.113	0.063	0.	0.	0.
90 - 60	0.387	0.188	0.112	0.038	0.	0.
60 - 30	0.575	0.325	0.162	0.063	0.	0.
30 - 0	0.625	0.488	0.338	0.125	0.050	0.

TABLE 21

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.060	0.	0.	0.	0.	0.
270 - 240	0.080	0.010	0.	0.	0.	0.
240 - 210	0.110	0.040	0.	0.	0.	0.
210 - 180	0.130	0.050	0.010	0.	0.	0.
180 - 150	0.140	0.080	0.030	0.	0.	0.
150 - 120	0.140	0.080	0.030	0.	0.	0.
120 - 90	0.170	0.110	0.050	0.010	0.	0.
90 - 60	0.220	0.140	0.070	0.040	0.	0.
60 - 30	0.360	0.200	0.130	0.060	0.020	0.
30 - 0	0.570	0.360	0.200	0.120	0.060	0.

TABLE 81

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.050	0.	0.	0.	0.	0.
270 - 240	0.050	0.	0.	0.	0.	0.
240 - 210	0.083	0.033	0.	0.	0.	0.
210 - 180	0.092	0.042	0.008	0.	0.	0.
180 - 150	0.108	0.050	0.025	0.	0.	0.
150 - 120	0.108	0.050	0.025	0.	0.	0.
120 - 90	0.133	0.075	0.050	0.008	0.	0.
90 - 60	0.200	0.117	0.058	0.033	0.	0.
60 - 30	0.292	0.175	0.100	0.067	0.025	0.
30 - 0	0.433	0.283	0.183	0.117	0.067	0.

TABLE 81

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.029	0.	0.	0.	0.	0.
270 - 240	0.029	0.	0.	0.	0.	0.
240 - 210	0.050	0.021	0.	0.	0.	0.
210 - 180	0.057	0.036	0.	0.	0.	0.
180 - 150	0.071	0.043	0.021	0.	0.	0.
150 - 120	0.071	0.043	0.021	0.	0.	0.
120 - 90	0.093	0.064	0.029	0.	0.	0.
90 - 60	0.136	0.071	0.057	0.029	0.	0.
60 - 30	0.236	0.129	0.079	0.050	0.	0.
30 - 0	0.357	0.236	0.136	0.100	0.058	0.

TABLE II

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.019	0.	0.	0.	0.	0.
270 - 240	0.031	0.	0.	0.	0.	0.
240 - 210	0.044	0.012	0.	0.	0.	0.
210 - 180	0.050	0.025	0.	0.	0.	0.
180 - 150	0.056	0.038	0.006	0.	0.	0.
150 - 120	0.056	0.038	0.006	0.	0.	0.
120 - 90	0.069	0.044	0.025	0.	0.	0.
90 - 60	0.088	0.063	0.044	0.019	0.	0.
60 - 30	0.131	0.081	0.056	0.044	0.	0.
30 - 0	0.294	0.156	0.106	0.063	0.038	0.

TABLE 82

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.050	0.	0.	0.	0.	0.
210 - 180	0.150	0.	0.	0.	0.	0.
180 - 150	0.150	0.	0.	0.	0.	0.
150 - 120	0.150	0.	0.	0.	0.	0.
120 - 90	0.200	0.	0.	0.	0.	0.
90 - 60	0.400	0.	0.	0.	0.	0.
60 - 30	0.500	0.	0.	0.	0.	0.
30 - 0	0.600	0.100	0.	0.	0.	0.

TABLE 62

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.350	0.	0.	0.	0.	0.
270 - 240	0.375	0.	0.	0.	0.	0.
240 - 210	0.400	0.225	0.	0.	0.	0.
210 - 180	0.450	0.275	0.	0.	0.	0.
180 - 150	0.475	0.275	0.075	0.	0.	0.
150 - 120	0.475	0.275	0.075	0.	0.	0.
120 - 90	0.525	0.275	0.200	0.	0.	0.
90 - 60	0.575	0.275	0.225	0.050	0.	0.
60 - 30	0.675	0.325	0.225	0.150	0.	0.
30 - 0	0.875	0.650	0.275	0.200	0.025	0.

TABLE 82

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.150	0.	0.	0.	0.	0.
270 - 240	0.200	0.	0.	0.	0.	0.
240 - 210	0.267	0.117	0.	0.	0.	0.
210 - 180	0.300	0.167	0.	0.	0.	0.
180 - 150	0.450	0.183	0.083	0.	0.	0.
150 - 120	0.450	0.183	0.083	0.	0.	0.
120 - 90	0.467	0.300	0.133	0.	0.	0.
90 - 60	0.517	0.383	0.250	0.067	0.	0.
60 - 30	0.600	0.400	0.350	0.167	0.	0.
30 - 0	0.683	0.500	0.350	0.317	0.117	0.

TABLE 92

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.100	0.	0.	0.	0.	0.
270 - 240	0.125	0.	0.	0.	0.	0.
240 - 210	0.188	0.075	0.	0.	0.	0.
210 - 180	0.200	0.100	0.025	0.	0.	0.
180 - 150	0.237	0.125	0.063	0.	0.	0.
150 - 120	0.237	0.125	0.063	0.	0.	0.
120 - 90	0.300	0.162	0.100	0.012	0.	0.
90 - 60	0.488	0.225	0.163	0.050	0.	0.
60 - 30	0.562	0.413	0.213	0.125	0.025	0.
30 - 0	0.612	0.500	0.388	0.188	0.100	0.

TABLE 82

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.070	0.	0.	0.	0.	0.
270 - 240	0.090	0.	0.	0.	0.	0.
240 - 210	0.120	0.050	0.	0.	0.	0.
210 - 180	0.130	0.070	0.010	0.	0.	0.
180 - 150	0.160	0.100	0.030	0.	0.	0.
150 - 120	0.160	0.100	0.030	0.	0.	0.
120 - 90	0.220	0.130	0.050	0.	0.	0.
90 - 60	0.290	0.180	0.110	0.030	0.	0.
60 - 30	0.400	0.230	0.170	0.080	0.010	0.
30 - 0	0.590	0.390	0.240	0.170	0.090	0.

TABLE 82

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.058	0.	0.	0.	0.	0.
270 - 240	0.058	0.	0.	0.	0.	0.
240 - 210	0.092	0.025	0.	0.	0.	0.
210 - 180	0.100	0.050	0.	0.	0.	0.
180 - 150	0.125	0.067	0.025	0.	0.	0.
150 - 120	0.125	0.067	0.025	0.	0.	0.
120 - 90	0.142	0.092	0.042	0.	0.	0.
90 - 60	0.225	0.125	0.067	0.025	0.	0.
60 - 30	0.325	0.208	0.125	0.067	0.008	0.
30 - 0	0.450	0.317	0.225	0.133	0.067	0.

TABLE 62

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.036	0.	0.	0.	0.	0.
270 - 240	0.050	0.	0.	0.	0.	0.
240 - 210	0.071	0.021	0.	0.	0.	0.
210 - 180	0.086	0.029	0.	0.	0.	0.
180 - 150	0.093	0.043	0.007	0.	0.	0.
150 - 120	0.093	0.043	0.007	0.	0.	0.
120 - 90	0.114	0.071	0.029	0.	0.	0.
90 - 60	0.171	0.093	0.050	0.021	0.	0.
60 - 30	0.279	0.150	0.071	0.043	0.	0.
30 - 0	0.407	0.271	0.207	0.086	0.043	0.

TABLE 82

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.025	0.	0.	0.	0.	0.
270 - 240	0.031	0.	0.	0.	0.	0.
240 - 210	0.044	0.012	0.	0.	0.	0.
210 - 180	0.050	0.025	0.	0.	0.	0.
180 - 150	0.056	0.038	0.006	0.	0.	0.
150 - 120	0.056	0.038	0.006	0.	0.	0.
120 - 90	0.081	0.050	0.025	0.	0.	0.
90 - 60	0.106	0.056	0.044	0.019	0.	0.
60 - 30	0.175	0.075	0.056	0.038	0.	0.
30 - 0	0.331	0.225	0.094	0.056	0.031	0.

TABLE 23

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PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.050	0.	0.	0.	0.	0.
240 - 210	0.150	0.	0.	0.	0.	0.
210 - 180	0.150	0.	0.	0.	0.	0.
180 - 150	0.450	0.	0.	0.	0.	0.
150 - 120	0.450	0.	0.	0.	0.	0.
120 - 90	0.550	0.	0.	0.	0.	0.
90 - 60	0.550	0.	0.	0.	0.	0.
60 - 30	0.550	0.150	0.	0.	0.	0.
30 - 0	0.550	0.250	0.	0.	0.	0.

TABLE 83

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.125	0.	0.	0.	0.	0.
270 - 240	0.200	0.	0.	0.	0.	0.
240 - 210	0.400	0.	0.	0.	0.	0.
210 - 180	0.500	0.025	0.	0.	0.	0.
180 - 150	0.600	0.225	0.	0.	0.	0.
150 - 120	0.600	0.225	0.	0.	0.	0.
120 - 90	0.825	0.325	0.	0.	0.	0.
90 - 60	0.850	0.550	0.250	0.	0.	0.
60 - 30	0.850	0.650	0.425	0.150	0.	0.
30 - 0	0.850	0.700	0.625	0.450	0.	0.

TABLE 83

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.117	0.	0.	0.	0.	0.
270 - 240	0.150	0.	0.	0.	0.	0.
240 - 210	0.200	0.	0.	0.	0.	0.
210 - 180	0.283	0.050	0.	0.	0.	0.
180 - 150	0.350	0.117	0.	0.	0.	0.
150 - 120	0.350	0.117	0.	0.	0.	0.
120 - 90	0.450	0.183	0.050	0.	0.	0.
90 - 60	0.683	0.300	0.150	0.017	0.	0.
60 - 30	0.850	0.567	0.267	0.100	0.	0.
30 - 0	0.900	0.833	0.700	0.300	0.067	0.

TABLE 83

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.063	0.	0.	0.	0.	0.
270 - 240	0.075	0.	0.	0.	0.	0.
240 - 210	0.163	0.	0.	0.	0.	0.
210 - 180	0.175	0.038	0.	0.	0.	0.
180 - 150	0.250	0.088	0.	0.	0.	0.
150 - 120	0.250	0.088	0.	0.	0.	0.
120 - 90	0.338	0.125	0.038	0.	0.	0.
90 - 60	0.425	0.188	0.100	0.	0.	0.
60 - 30	0.625	0.375	0.200	0.075	0.	0.
30 - 0	0.850	0.712	0.450	0.225	0.075	0.

TABLE 13

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.050	0.	0.	0.	0.	0.
270 - 240	0.060	0.	0.	0.	0.	0.
240 - 210	0.110	0.	0.	0.	0.	0.
210 - 180	0.120	0.010	0.	0.	0.	0.
180 - 150	0.160	0.060	0.	0.	0.	0.
150 - 120	0.160	0.060	0.	0.	0.	0.
120 - 90	0.220	0.100	0.010	0.	0.	0.
90 - 60	0.290	0.160	0.080	0.	0.	0.
60 - 30	0.420	0.240	0.150	0.050	0.	0.
30 - 0	0.690	0.510	0.330	0.160	0.050	0.

TABLE 83

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.033	0.	0.	0.	0.	0.
270 - 240	0.033	0.	0.	0.	0.	0.
240 - 210	0.067	0.	0.	0.	0.	0.
210 - 180	0.092	0.008	0.	0.	0.	0.
180 - 150	0.108	0.033	0.	0.	0.	0.
150 - 120	0.108	0.033	0.	0.	0.	0.
120 - 90	0.142	0.067	0.	0.	0.	0.
90 - 60	0.225	0.100	0.042	0.	0.	0.
60 - 30	0.317	0.167	0.092	0.025	0.	0.
30 - 0	0.525	0.400	0.225	0.092	0.025	0.

TABLE 13

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.029	0.	0.	0.	0.	0.
270 - 240	0.029	0.	0.	0.	0.	0.
240 - 210	0.043	0.	0.	0.	0.	0.
210 - 180	0.057	0.	0.	0.	0.	0.
180 - 150	0.086	0.014	0.	0.	0.	0.
150 - 120	0.086	0.014	0.	0.	0.	0.
120 - 90	0.107	0.043	0.	0.	0.	0.
90 - 60	0.164	0.064	0.029	0.	0.	0.
60 - 30	0.243	0.129	0.057	0.021	0.	0.
30 - 0	0.471	0.286	0.143	0.050	0.021	0.

TABLE XIII

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.025	0.	0.	0.	0.	0.
270 - 240	0.025	0.	0.	0.	0.	0.
240 - 210	0.031	0.	0.	0.	0.	0.
210 - 180	0.050	0.006	0.	0.	0.	0.
180 - 150	0.069	0.019	0.	0.	0.	0.
150 - 120	0.069	0.019	0.	0.	0.	0.
120 - 90	0.094	0.031	0.	0.	0.	0.
90 - 60	0.119	0.056	0.025	0.	0.	0.
60 - 30	0.200	0.106	0.044	0.025	0.	0.
30 - 0	0.344	0.213	0.094	0.044	0.019	0.

TABLE 8A

5 1

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.050	0.	0.	0.	0.	0.
240 - 210	0.150	0.	0.	0.	0.	0.
210 - 180	0.150	0.	0.	0.	0.	0.
180 - 150	0.400	0.	0.	0.	0.	0.
150 - 120	0.400	0.	0.	0.	0.	0.
120 - 90	0.550	0.	0.	0.	0.	0.
90 - 60	0.550	0.	0.	0.	0.	0.
60 - 30	0.550	0.100	0.	0.	0.	0.
30 - 0	0.600	0.250	0.	0.	0.	0.

TABLE 8K

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.150	0.	0.	0.	0.	0.
270 - 240	0.200	0.	0.	0.	0.	0.
240 - 210	0.475	0.	0.	0.	0.	0.
210 - 180	0.525	0.050	0.	0.	0.	0.
180 - 150	0.600	0.275	0.	0.	0.	0.
150 - 120	0.600	0.275	0.	0.	0.	0.
120 - 90	0.750	0.325	0.125	0.	0.	0.
90 - 60	0.850	0.500	0.250	0.	0.	0.
60 - 30	0.850	0.650	0.400	0.150	0.	0.
30 - 0	0.850	0.700	0.650	0.425	0.125	0.

TABLE 8K

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.050	0.	0.	0.	0.	0.
270 - 240	0.083	0.	0.	0.	0.	0.
240 - 210	0.183	0.	0.	0.	0.	0.
210 - 180	0.250	0.017	0.	0.	0.	0.
180 - 150	0.350	0.100	0.	0.	0.	0.
150 - 120	0.350	0.100	0.	0.	0.	0.
120 - 90	0.483	0.183	0.033	0.	0.	0.
90 - 60	0.650	0.317	0.133	0.	0.	0.
60 - 30	0.800	0.517	0.300	0.100	0.	0.
30 - 0	0.900	0.800	0.617	0.350	0.100	0.

TABLE 27

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.038	0.	0.	0.	0.	0.
270 - 240	0.063	0.	0.	0.	0.	0.
240 - 210	0.138	0.	0.	0.	0.	0.
210 - 180	0.163	0.012	0.	0.	0.	0.
180 - 150	0.238	0.075	0.	0.	0.	0.
150 - 120	0.238	0.075	0.	0.	0.	0.
120 - 90	0.313	0.113	0.025	0.	0.	0.
90 - 60	0.425	0.175	0.100	0.	0.	0.
60 - 30	0.625	0.388	0.163	0.075	0.	0.
30 - 0	0.800	0.663	0.438	0.250	0.050	0.

TABLE 84

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.050	0.	0.	0.	0.	0.
270 - 240	0.080	0.	0.	0.	0.	0.
240 - 210	0.110	0.	0.	0.	0.	0.
210 - 180	0.130	0.010	0.	0.	0.	0.
180 - 150	0.150	0.060	0.	0.	0.	0.
150 - 120	0.150	0.060	0.	0.	0.	0.
120 - 90	0.200	0.100	0.010	0.	0.	0.
90 - 60	0.270	0.160	0.080	0.	0.	0.
60 - 30	0.460	0.230	0.140	0.060	0.	0.
30 - 0	0.680	0.510	0.360	0.160	0.030	0.

TABLE 84

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.050	0.	0.	0.	0.	0.
270 - 240	0.058	0.	0.	0.	0.	0.
240 - 210	0.092	0.	0.	0.	0.	0.
210 - 180	0.100	0.017	0.	0.	0.	0.
180 - 150	0.117	0.042	0.	0.	0.	0.
150 - 120	0.117	0.042	0.	0.	0.	0.
120 - 90	0.142	0.075	0.008	0.	0.	0.
90 - 60	0.208	0.100	0.050	0.	0.	0.
60 - 30	0.283	0.167	0.092	0.033	0.	0.
30 - 0	0.542	0.375	0.225	0.100	0.025	0.

TABLE 6

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.036	0.	0.	0.	0.	0.
270 - 240	0.036	0.	0.	0.	0.	0.
240 - 210	0.057	0.	0.	0.	0.	0.
210 - 180	0.079	0.007	0.	0.	0.	0.
180 - 150	0.086	0.036	0.	0.	0.	0.
150 - 120	0.086	0.036	0.	0.	0.	0.
120 - 90	0.107	0.057	0.	0.	0.	0.
90 - 60	0.157	0.071	0.043	0.	0.	0.
60 - 30	0.236	0.136	0.071	0.029	0.	0.
30 - 0	0.393	0.250	0.171	0.064	0.021	0.

TABLE 84

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.031	0.	0.	0.	0.	0.
270 - 240	0.038	0.	0.	0.	0.	0.
240 - 210	0.088	0.	0.	0.	0.	0.
210 - 180	0.113	0.006	0.	0.	0.	0.
180 - 150	0.131	0.019	0.	0.	0.	0.
150 - 120	0.131	0.019	0.	0.	0.	0.
120 - 90	0.163	0.044	0.	0.	0.	0.
90 - 60	0.188	0.063	0.025	0.	0.	0.
60 - 30	0.250	0.119	0.056	0.019	0.	0.
30 - 0	0.388	0.225	0.119	0.044	0.019	0.

TABLE 85

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.050	0.	0.	0.	0.	0.
210 - 180	0.150	0.	0.	0.	0.	0.
180 - 150	0.150	0.	0.	0.	0.	0.
150 - 120	0.150	0.	0.	0.	0.	0.
120 - 90	0.200	0.	0.	0.	0.	0.
90 - 60	0.450	0.	0.	0.	0.	0.
60 - 30	0.550	0.	0.	0.	0.	0.
30 - 0	0.650	0.100	0.	0.	0.	0.

TABLE 85

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.350	0.	0.	0.	0.	0.
270 - 240	0.375	0.	0.	0.	0.	0.
240 - 210	0.400	0.225	0.	0.	0.	0.
210 - 180	0.425	0.275	0.075	0.	0.	0.
180 - 150	0.475	0.275	0.125	0.	0.	0.
150 - 120	0.475	0.275	0.125	0.	0.	0.
120 - 90	0.475	0.275	0.225	0.025	0.	0.
90 - 60	0.575	0.275	0.225	0.125	0.	0.
60 - 30	0.650	0.325	0.250	0.175	0.025	0.
30 - 0	0.850	0.500	0.275	0.225	0.125	0.

TABLE 85

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.133	0.	0.	0.	0.	0.
270 - 240	0.183	0.	0.	0.	0.	0.
240 - 210	0.267	0.083	0.	0.	0.	0.
210 - 180	0.367	0.167	0.	0.	0.	0.
180 - 150	0.417	0.283	0.067	0.	0.	0.
150 - 120	0.417	0.283	0.067	0.	0.	0.
120 - 90	0.450	0.350	0.217	0.	0.	0.
90 - 60	0.517	0.383	0.350	0.083	0.	0.
60 - 30	0.550	0.383	0.350	0.317	0.017	0.
30 - 0	0.650	0.450	0.367	0.317	0.250	0.

TABLE 85

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.088	0.	0.	0.	0.	0.
270 - 240	0.100	0.	0.	0.	0.	0.
240 - 210	0.175	0.063	0.	0.	0.	0.
210 - 180	0.188	0.100	0.	0.	0.	0.
180 - 150	0.238	0.125	0.038	0.	0.	0.
150 - 120	0.238	0.125	0.038	0.	0.	0.
120 - 90	0.363	0.162	0.100	0.	0.	0.
90 - 60	0.463	0.313	0.150	0.038	0.	0.
60 - 30	0.525	0.413	0.325	0.162	0.	0.
30 - 0	0.588	0.463	0.388	0.325	0.200	0.

TABLE 25

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.070	0.	0.	0.	0.	0.
270 - 240	0.090	0.	0.	0.	0.	0.
240 - 210	0.130	0.060	0.	0.	0.	0.
210 - 180	0.160	0.070	0.	0.	0.	0.
180 - 150	0.180	0.100	0.030	0.	0.	0.
150 - 120	0.180	0.100	0.030	0.	0.	0.
120 - 90	0.230	0.140	0.070	0.	0.	0.
90 - 60	0.310	0.190	0.120	0.030	0.	0.
60 - 30	0.490	0.350	0.190	0.090	0.	0.
30 - 0	0.570	0.470	0.360	0.280	0.090	0.

TABLE 4 85

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.058	0.	0.	0.	0.	0.
270 - 240	0.083	0.008	0.	0.	0.	0.
240 - 210	0.117	0.050	0.	0.	0.	0.
210 - 180	0.125	0.067	0.	0.	0.	0.
180 - 150	0.150	0.100	0.042	0.	0.	0.
150 - 120	0.150	0.100	0.042	0.	0.	0.
120 - 90	0.175	0.117	0.083	0.	0.	0.
90 - 60	0.200	0.142	0.092	0.042	0.	0.
60 - 30	0.350	0.183	0.125	0.075	0.008	0.
30 - 0	0.550	0.425	0.308	0.133	0.058	0.

TABLE 85

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.057	0.	0.	0.	0.	0.
270 - 240	0.064	0.	0.	0.	0.	0.
240 - 210	0.093	0.036	0.	0.	0.	0.
210 - 180	0.129	0.057	0.	0.	0.	0.
180 - 150	0.157	0.086	0.021	0.	0.	0.
150 - 120	0.157	0.086	0.021	0.	0.	0.
120 - 90	0.179	0.093	0.057	0.	0.	0.
90 - 60	0.236	0.114	0.071	0.029	0.	0.
60 - 30	0.307	0.150	0.100	0.057	0.007	0.
30 - 0	0.543	0.307	0.164	0.114	0.043	0.007

TABLE B5

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.063	0.	0.	0.	0.	0.
270 - 240	0.075	0.	0.	0.	0.	0.
240 - 210	0.113	0.025	0.	0.	0.	0.
210 - 180	0.156	0.044	0.	0.	0.	0.
180 - 150	0.181	0.063	0.012	0.	0.	0.
150 - 120	0.181	0.063	0.012	0.	0.	0.
120 - 90	0.213	0.075	0.044	0.	0.	0.
90 - 60	0.256	0.094	0.056	0.019	0.	0.
60 - 30	0.319	0.138	0.081	0.038	0.	0.
30 - 0	0.438	0.219	0.163	0.106	0.031	0.

Site C

TABLE 86

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.	0.	0.	0.	0.	0.
90 - 60	0.	0.	0.	0.	0.	0.
60 - 30	0.050	0.	0.	0.	0.	0.
30 - 0	0.100	0.	0.	0.	0.	0.

[redacted]

TABLE 86

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.250	0.	0.	0.	0.	0.
210 - 180	0.275	0.	0.	0.	0.	0.
180 - 150	0.275	0.	0.	0.	0.	0.
150 - 120	0.275	0.	0.	0.	0.	0.
120 - 90	0.275	0.	0.	0.	0.	0.
90 - 60	0.300	0.	0.	0.	0.	0.
60 - 30	0.300	0.100	0.	0.	0.	0.
30 - 0	0.325	0.125	0.	0.	0.	0.

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TABLE 86

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.317	0.	0.	0.	0.	0.
270 - 240	0.417	0.	0.	0.	0.	0.
240 - 210	0.633	0.	0.	0.	0.	0.
210 - 180	0.633	0.	0.	0.	0.	0.
180 - 150	0.633	0.300	0.	0.	0.	0.
150 - 120	0.633	0.300	0.	0.	0.	0.
120 - 90	0.633	0.400	0.	0.	0.	0.
90 - 60	0.633	0.400	0.	0.	0.	0.
60 - 30	0.650	0.450	0.200	0.	0.	0.
30 - 0	0.650	0.467	0.233	0.	0.	0.

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TABLE 86

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.413	0.175	0.063	0.	0.	0.
270 - 240	0.500	0.188	0.088	0.	0.	0.
240 - 210	0.725	0.275	0.150	0.038	0.	0.
210 - 180	0.763	0.375	0.162	0.075	0.	0.
180 - 150	0.775	0.613	0.175	0.088	0.	0.
150 - 120	0.775	0.613	0.175	0.088	0.	0.
120 - 90	0.775	0.638	0.325	0.113	0.025	0.
90 - 60	0.775	0.638	0.475	0.150	0.050	0.
60 - 30	0.788	0.663	0.550	0.338	0.075	0.
30 - 0	0.825	0.675	0.588	0.400	0.175	0.012

TABLE 86

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.510	0.280	0.190	0.160	0.040	0.
270 - 240	0.540	0.310	0.210	0.170	0.090	0.
240 - 210	0.680	0.400	0.260	0.180	0.160	0.050
210 - 180	0.810	0.490	0.290	0.200	0.170	0.070
180 - 150	0.810	0.700	0.410	0.230	0.180	0.130
150 - 120	0.810	0.700	0.410	0.230	0.180	0.130
120 - 90	0.810	0.720	0.600	0.340	0.180	0.150
90 - 60	0.820	0.740	0.650	0.480	0.200	0.170
60 - 30	0.830	0.760	0.690	0.580	0.370	0.170
30 - 0	0.850	0.770	0.690	0.630	0.510	0.340

TABLE 86

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.617	0.350	0.292	0.208	0.183	0.133
270 - 240	0.625	0.383	0.308	0.250	0.192	0.150
240 - 210	0.692	0.533	0.367	0.283	0.208	0.192
210 - 180	0.850	0.583	0.492	0.317	0.258	0.192
180 - 150	0.850	0.750	0.542	0.458	0.275	0.200
150 - 120	0.850	0.750	0.542	0.458	0.275	0.200
120 - 90	0.858	0.775	0.667	0.542	0.408	0.233
90 - 60	0.867	0.783	0.733	0.625	0.508	0.350
60 - 30	0.867	0.792	0.742	0.683	0.608	0.458
30 - 0	0.875	0.800	0.758	0.717	0.658	0.583

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TABLE X

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.679	0.457	0.336	0.279	0.236	0.200
270 - 240	0.679	0.507	0.357	0.293	0.250	0.207
240 - 210	0.714	0.571	0.486	0.386	0.307	0.250
210 - 180	0.800	0.614	0.550	0.464	0.364	0.271
180 - 150	0.864	0.743	0.607	0.543	0.443	0.357
150 - 120	0.864	0.743	0.607	0.543	0.443	0.357
120 - 90	0.864	0.800	0.693	0.600	0.514	0.421
90 - 60	0.871	0.807	0.757	0.679	0.586	0.500
60 - 30	0.893	0.821	0.779	0.736	0.664	0.571
30 - 0	0.929	0.829	0.786	0.750	0.714	0.643

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TABLE 66

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.663	0.531	0.419	0.313	0.244	0.200
270 - 240	0.675	0.556	0.450	0.344	0.281	0.219
240 - 210	0.719	0.600	0.525	0.430	0.369	0.306
210 - 180	0.806	0.638	0.569	0.500	0.438	0.375
180 - 150	0.875	0.719	0.625	0.569	0.494	0.431
150 - 120	0.875	0.719	0.625	0.569	0.494	0.431
120 - 90	0.881	0.819	0.712	0.606	0.544	0.494
90 - 60	0.888	0.831	0.775	0.706	0.606	0.538
60 - 30	0.894	0.838	0.800	0.763	0.681	0.606
30 - 0	0.944	0.850	0.806	0.775	0.744	0.675

SITE-6

TABLE 87

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.	0.	0.	0.	0.	0.
90 - 60	0.050	0.	0.	0.	0.	0.
60 - 30	0.100	0.	0.	0.	0.	0.
30 - 0	0.100	0.	0.	0.	0.	0.

TABLE 17

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.150	0.	0.	0.	0.	0.
270 - 240	0.200	0.	0.	0.	0.	0.
240 - 210	0.275	0.	0.	0.	0.	0.
210 - 180	0.275	0.	0.	0.	0.	0.
180 - 150	0.275	0.	0.	0.	0.	0.
150 - 120	0.275	0.	0.	0.	0.	0.
120 - 90	0.275	0.050	0.	0.	0.	0.
90 - 60	0.275	0.075	0.	0.	0.	0.
60 - 30	0.275	0.125	0.	0.	0.	0.
30 - 0	0.275	0.150	0.	0.	0.	0.

TABLE 11

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.400	0.	0.	0.	0.	0.
270 - 240	0.550	0.	0.	0.	0.	0.
240 - 210	0.633	0.	0.	0.	0.	0.
210 - 180	0.633	0.150	0.	0.	0.	0.
180 - 150	0.650	0.317	0.	0.	0.	0.
150 - 120	0.650	0.317	0.	0.	0.	0.
120 - 90	0.650	0.417	0.067	0.	0.	0.
90 - 60	0.667	0.417	0.150	0.	0.	0.
60 - 30	0.667	0.483	0.217	0.017	0.	0.
30 - 0	0.683	0.517	0.233	0.117	0.	0.

TABLE 17

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.525	0.225	0.137	0.	0.	0.
270 - 240	0.587	0.237	0.175	0.	0.	0.
240 - 210	0.750	0.375	0.200	0.088	0.	0.
210 - 180	0.775	0.538	0.212	0.138	0.	0.
180 - 150	0.788	0.600	0.363	0.163	0.	0.
150 - 120	0.788	0.600	0.363	0.163	0.	0.
120 - 90	0.788	0.625	0.450	0.250	0.038	0.
90 - 60	0.800	0.650	0.538	0.375	0.125	0.
60 - 30	0.800	0.663	0.562	0.425	0.275	0.
30 - 0	0.813	0.687	0.562	0.475	0.350	0.063

TABLE 17

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.570	0.320	0.220	0.190	0.060	0.
270 - 240	0.620	0.350	0.240	0.200	0.130	0.
240 - 210	0.810	0.520	0.310	0.220	0.190	0.060
210 - 180	0.810	0.680	0.430	0.230	0.190	0.140
180 - 150	0.820	0.730	0.530	0.350	0.210	0.170
150 - 120	0.820	0.730	0.530	0.350	0.210	0.170
120 - 90	0.830	0.740	0.640	0.440	0.310	0.190
90 - 60	0.850	0.760	0.660	0.540	0.400	0.260
60 - 30	0.850	0.770	0.690	0.590	0.490	0.360
30 - 0	0.880	0.770	0.700	0.620	0.530	0.440

TABLE 17

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.642	0.392	0.300	0.233	0.208	0.150
270 - 240	0.658	0.492	0.342	0.242	0.225	0.200
240 - 210	0.825	0.583	0.500	0.367	0.238	0.217
210 - 180	0.850	0.675	0.558	0.467	0.308	0.225
180 - 150	0.850	0.767	0.617	0.525	0.417	0.292
150 - 120	0.850	0.767	0.617	0.525	0.417	0.292
120 - 90	0.850	0.783	0.717	0.583	0.488	0.358
90 - 60	0.850	0.792	0.733	0.658	0.558	0.425
60 - 30	0.858	0.800	0.758	0.700	0.625	0.492
30 - 0	0.867	0.808	0.767	0.708	0.675	0.600

TABLE 17

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.671	0.543	0.414	0.321	0.221	0.193
270 - 240	0.679	0.564	0.464	0.364	0.286	0.200
240 - 210	0.764	0.621	0.557	0.500	0.400	0.293
210 - 180	0.843	0.679	0.600	0.536	0.493	0.379
180 - 150	0.857	0.793	0.664	0.593	0.548	0.429
150 - 120	0.857	0.793	0.664	0.593	0.548	0.429
120 - 90	0.871	0.793	0.743	0.643	0.571	0.514
90 - 60	0.871	0.807	0.771	0.714	0.629	0.557
60 - 30	0.871	0.814	0.786	0.736	0.686	0.614
30 - 0	0.900	0.829	0.786	0.750	0.714	0.664

TABLE 87

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.687	0.550	0.444	0.356	0.294	0.213
270 - 240	0.706	0.581	0.475	0.406	0.338	0.275
240 - 210	0.769	0.637	0.581	0.513	0.444	0.394
210 - 180	0.856	0.681	0.619	0.569	0.506	0.444
180 - 150	0.862	0.794	0.663	0.619	0.550	0.488
150 - 120	0.862	0.794	0.663	0.619	0.550	0.488
120 - 90	0.862	0.812	0.750	0.656	0.619	0.538
90 - 60	0.869	0.825	0.788	0.725	0.656	0.594
60 - 30	0.900	0.831	0.794	0.750	0.718	0.650
30 - 0	0.925	0.837	0.813	0.769	0.731	0.694

SITE C 1

TABLE 88

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.	0.	0.	0.	0.	0.
90 - 60	0.	0.	0.	0.	0.	0.
60 - 30	0.100	0.	0.	0.	0.	0.
30 - 0	0.100	0.	0.	0.	0.	0.

TABLE 88

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.175	0.	0.	0.	0.	0.
270 - 240	0.200	0.	0.	0.	0.	0.
240 - 210	0.300	0.	0.	0.	0.	0.
210 - 180	0.300	0.	0.	0.	0.	0.
180 - 150	0.325	0.025	0.	0.	0.	0.
150 - 120	0.325	0.025	0.	0.	0.	0.
120 - 90	0.350	0.075	0.	0.	0.	0.
90 - 60	0.375	0.125	0.	0.	0.	0.
60 - 30	0.375	0.125	0.	0.	0.	0.
30 - 0	0.425	0.175	0.	0.	0.	0.

TABLE 5.5

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.450	0.	0.	0.	0.	0.
270 - 240	0.583	0.	0.	0.	0.	0.
240 - 210	0.633	0.183	0.	0.	0.	0.
210 - 180	0.633	0.283	0.	0.	0.	0.
180 - 150	0.633	0.383	0.017	0.	0.	0.
150 - 120	0.633	0.383	0.017	0.	0.	0.
120 - 90	0.633	0.450	0.150	0.	0.	0.
90 - 60	0.650	0.450	0.183	0.017	0.	0.
60 - 30	0.667	0.500	0.250	0.117	0.	0.
30 - 0	0.683	0.517	0.317	0.150	0.	0.

TABLE 68

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.575	0.238	0.137	0.	0.	0.
270 - 240	0.675	0.250	0.162	0.025	0.	0.
240 - 210	0.750	0.488	0.200	0.088	0.	0.
210 - 180	0.763	0.600	0.363	0.138	0.	0.
180 - 150	0.775	0.613	0.425	0.188	0.068	0.
150 - 120	0.775	0.613	0.425	0.188	0.068	0.
120 - 90	0.775	0.638	0.500	0.313	0.100	0.
90 - 60	0.800	0.650	0.538	0.400	0.238	0.
60 - 30	0.800	0.675	0.575	0.463	0.313	0.088
30 - 0	0.800	0.688	0.575	0.500	0.387	0.238

TABLE 88

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0,664	0,543	0,429	0,329	0,236	0,179
270 - 240	0,686	0,564	0,493	0,386	0,271	0,221
240 - 210	0,829	0,643	0,571	0,521	0,421	0,329
210 - 180	0,850	0,757	0,629	0,564	0,471	0,371
180 - 150	0,850	0,779	0,714	0,607	0,536	0,436
150 - 120	0,850	0,779	0,714	0,607	0,536	0,436
120 - 90	0,850	0,786	0,736	0,671	0,593	0,507
90 - 60	0,850	0,800	0,750	0,700	0,636	0,571
60 - 30	0,864	0,814	0,757	0,714	0,686	0,614
30 - 0	0,879	0,821	0,779	0,743	0,693	0,657

AD-A040 173 ARMY ENGINEER WATERWAYS EXPERIMENT STATION VICKSBURG MISS F/G 18/6
ANALYTICAL STUDY OF GROUND-SURFACE SHIELDING CHARACTERISTICS OF--ETC(U)
JUN 74 H W WEST, P L DOIRON, J A PARKS

UNCLASSIFIED WES-TR-M-74-4-VOL-2 NL

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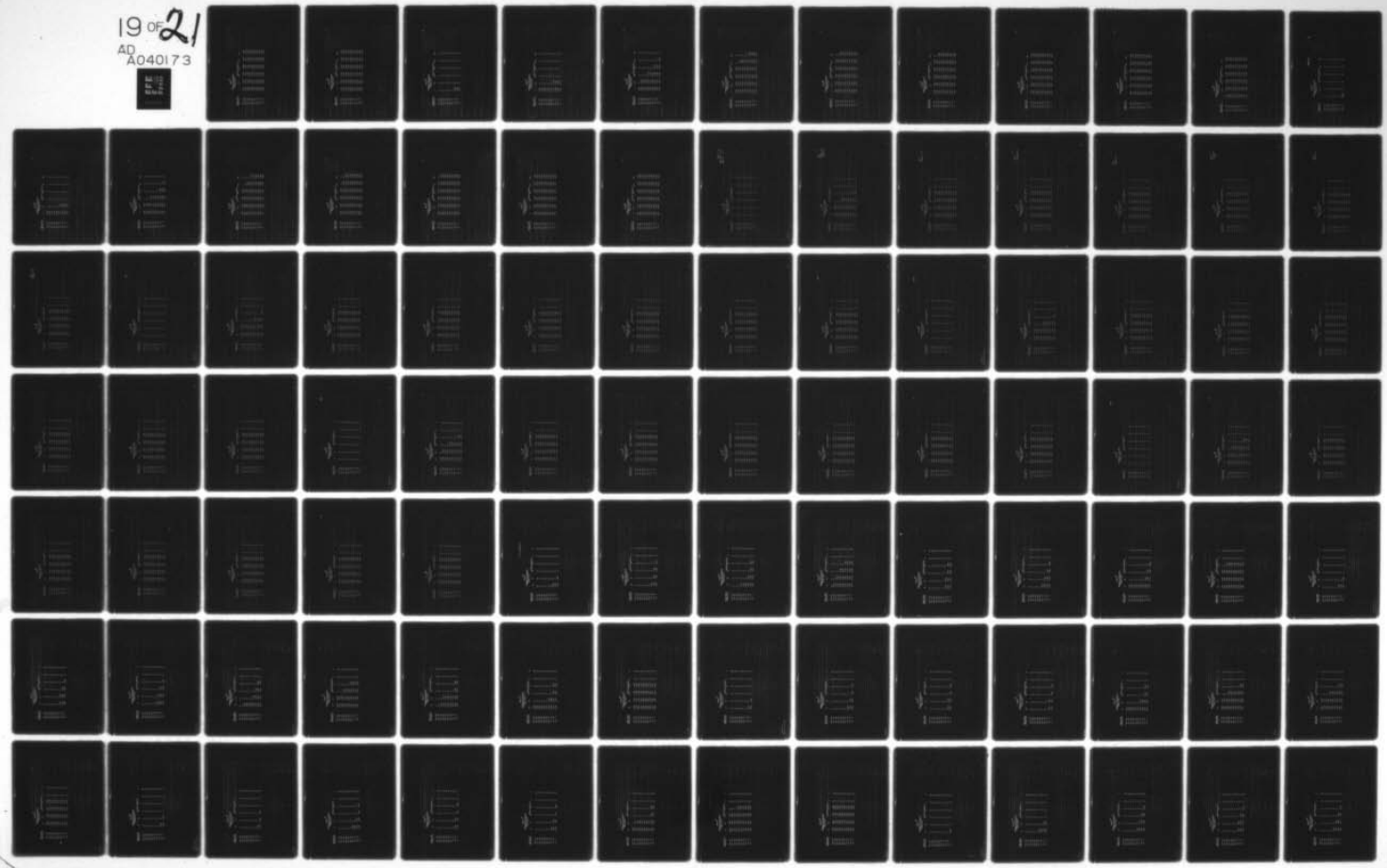

TABLE IX

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.667	0.475	0.308	0.250	0.208	0.175
270 - 240	0.708	0.533	0.383	0.283	0.217	0.183
240 - 210	0.825	0.625	0.533	0.392	0.317	0.250
210 - 180	0.833	0.750	0.583	0.467	0.367	0.300
180 - 150	0.833	0.767	0.675	0.525	0.417	0.358
150 - 120	0.833	0.767	0.675	0.525	0.417	0.358
120 - 90	0.850	0.783	0.700	0.608	0.488	0.408
90 - 60	0.867	0.783	0.725	0.658	0.558	0.458
60 - 30	0.867	0.792	0.733	0.683	0.608	0.517
30 - 0	0.892	0.808	0.750	0.700	0.633	0.558

TABLE 88

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.706	0.581	0.488	0.394	0.319	0.219
270 - 240	0.706	0.606	0.531	0.450	0.375	0.288
240 - 210	0.850	0.669	0.631	0.550	0.494	0.419
210 - 180	0.856	0.762	0.656	0.600	0.544	0.475
180 - 150	0.863	0.800	0.744	0.656	0.588	0.531
150 - 120	0.863	0.800	0.744	0.656	0.588	0.531
120 - 90	0.869	0.812	0.762	0.712	0.644	0.575
90 - 60	0.869	0.819	0.787	0.737	0.706	0.631
60 - 30	0.869	0.831	0.800	0.762	0.719	0.681
30 - 0	0.888	0.838	0.812	0.781	0.744	0.712

TABLE 89

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.	0.	0.	0.	0.	0.
90 - 60	0.050	0.	0.	0.	0.	0.
60 - 30	0.100	0.	0.	0.	0.	0.
30 - 0	0.100	0.	0.	0.	0.	0.

TABLE 27

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.225	0.	0.	0.	0.	0.
270 - 240	0.225	0.	0.	0.	0.	0.
240 - 210	0.325	0.	0.	0.	0.	0.
210 - 180	0.350	0.	0.	0.	0.	0.
180 - 150	0.375	0.	0.	0.	0.	0.
150 - 120	0.375	0.	0.	0.	0.	0.
120 - 90	0.400	0.075	0.	0.	0.	0.
90 - 60	0.400	0.100	0.	0.	0.	0.
60 - 30	0.425	0.150	0.	0.	0.	0.
30 - 0	0.425	0.175	0.	0.	0.	0.

TABLE 69

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.567	0.	0.	0.	0.	0.
270 - 240	0.600	0.017	0.	0.	0.	0.
240 - 210	0.617	0.317	0.	0.	0.	0.
210 - 180	0.633	0.350	0.	0.	0.	0.
180 - 150	0.633	0.417	0.067	0.	0.	0.
150 - 120	0.633	0.417	0.067	0.	0.	0.
120 - 90	0.633	0.433	0.217	0.	0.	0.
90 - 60	0.633	0.467	0.283	0.017	0.	0.
60 - 30	0.650	0.517	0.333	0.117	0.	0.
30 - 0	0.700	0.533	0.367	0.183	0.017	0.

TABLE 19

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.700	0.238	0.100	0.012	0.	0.
270 - 240	0.750	0.313	0.137	0.050	0.	0.
240 - 210	0.775	0.525	0.275	0.075	0.012	0.
210 - 180	0.775	0.575	0.425	0.113	0.038	0.
180 - 150	0.775	0.600	0.475	0.250	0.075	0.
150 - 120	0.775	0.600	0.475	0.250	0.075	0.
120 - 90	0.775	0.600	0.513	0.363	0.118	0.038
90 - 60	0.775	0.625	0.550	0.438	0.275	0.075
60 - 30	0.775	0.637	0.550	0.475	0.325	0.175
30 - 0	0.775	0.662	0.563	0.513	0.418	0.263

TABLE 9

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.650	0.310	0.250	0.180	0.018	0.
270 - 240	0.700	0.430	0.260	0.220	0.050	0.
240 - 210	0.810	0.590	0.430	0.240	0.210	0.020
210 - 180	0.810	0.700	0.510	0.360	0.220	0.120
180 - 150	0.810	0.710	0.580	0.430	0.320	0.170
150 - 120	0.810	0.710	0.580	0.430	0.320	0.170
120 - 90	0.820	0.720	0.630	0.510	0.390	0.290
90 - 60	0.820	0.730	0.650	0.580	0.470	0.360
60 - 30	0.820	0.750	0.660	0.620	0.520	0.410
30 - 0	0.830	0.750	0.700	0.630	0.560	0.480

TABLE 59

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.630	0.390	0.240	0.050	0.010	0.
270 - 240	0.760	0.460	0.280	0.110	0.040	0.
240 - 210	0.780	0.670	0.450	0.300	0.110	0.030
210 - 180	0.780	0.690	0.540	0.390	0.210	0.050
180 - 150	0.790	0.700	0.600	0.470	0.360	0.150
150 - 120	0.790	0.700	0.600	0.470	0.360	0.150
120 - 90	0.800	0.700	0.630	0.510	0.430	0.260
90 - 60	0.820	0.720	0.660	0.560	0.480	0.370
60 - 30	0.820	0.720	0.660	0.590	0.520	0.440
30 - 0	0.830	0.740	0.680	0.610	0.540	0.480

TABLE 17

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.675	0.483	0.325	0.267	0.208	0.042
270 - 240	0.775	0.542	0.383	0.292	0.242	0.133
240 - 210	0.808	0.692	0.542	0.408	0.342	0.267
210 - 180	0.808	0.717	0.617	0.467	0.392	0.317
180 - 150	0.817	0.725	0.667	0.533	0.442	0.383
150 - 120	0.817	0.725	0.667	0.533	0.442	0.383
120 - 90	0.825	0.742	0.683	0.600	0.508	0.425
90 - 60	0.825	0.742	0.692	0.642	0.558	0.483
60 - 30	0.833	0.758	0.708	0.658	0.592	0.517
30 - 0	0.850	0.775	0.725	0.675	0.617	0.558

TABLE 89

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.686	0.521	0.414	0.314	0.264	0.186
270 - 240	0.764	0.571	0.471	0.379	0.286	0.250
240 - 210	0.850	0.729	0.571	0.479	0.400	0.350
210 - 180	0.857	0.779	0.664	0.543	0.457	0.400
180 - 150	0.864	0.779	0.693	0.593	0.507	0.436
150 - 120	0.864	0.779	0.693	0.593	0.507	0.436
120 - 90	0.864	0.786	0.736	0.664	0.550	0.486
90 - 60	0.871	0.793	0.743	0.693	0.607	0.514
60 - 30	0.871	0.807	0.757	0.714	0.658	0.579
30 - 0	0.893	0.821	0.771	0.736	0.693	0.614

TABLE 89

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.731	0.619	0.538	0.438	0.350	0.250
270 - 240	0.769	0.644	0.594	0.475	0.406	0.313
240 - 210	0.888	0.775	0.669	0.619	0.506	0.425
210 - 180	0.894	0.806	0.738	0.663	0.569	0.469
180 - 150	0.894	0.819	0.763	0.713	0.644	0.519
150 - 120	0.894	0.819	0.763	0.713	0.644	0.519
120 - 90	0.900	0.819	0.788	0.738	0.694	0.606
90 - 60	0.906	0.831	0.794	0.756	0.712	0.675
60 - 30	0.913	0.831	0.794	0.763	0.731	0.700
30 - 0	0.919	0.838	0.812	0.788	0.756	0.712

TABLE 80 X

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.	0.	0.	0.	0.	0.
90 - 60	0.	0.	0.	0.	0.	0.
60 - 30	0.050	0.	0.	0.	0.	0.
30 - 0	0.100	0.	0.	0.	0.	0.

TABLE 20

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.275	0.	0.	0.	0.	0.
270 - 240	0.325	0.	0.	0.	0.	0.
240 - 210	0.400	0.	0.	0.	0.	0.
210 - 180	0.400	0.	0.	0.	0.	0.
180 - 150	0.425	0.	0.	0.	0.	0.
150 - 120	0.425	0.	0.	0.	0.	0.
120 - 90	0.450	0.075	0.	0.	0.	0.
90 - 60	0.450	0.125	0.	0.	0.	0.
60 - 30	0.450	0.125	0.	0.	0.	0.
30 - 0	0.475	0.175	0.	0.	0.	0.

TABLE 90

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.567	0.033	0.	0.	0.	0.
270 - 240	0.583	0.083	0.	0.	0.	0.
240 - 210	0.583	0.333	0.	0.	0.	0.
210 - 180	0.583	0.400	0.017	0.	0.	0.
180 - 150	0.600	0.433	0.167	0.	0.	0.
150 - 120	0.600	0.433	0.167	0.	0.	0.
120 - 90	0.633	0.433	0.267	0.	0.	0.
90 - 60	0.633	0.483	0.333	0.050	0.	0.
60 - 30	0.683	0.483	0.383	0.150	0.	0.
30 - 0	0.700	0.517	0.383	0.250	0.017	0.

TABLE 90

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.663	0.162	0.075	0.012	0.	0.
270 - 240	0.675	0.350	0.088	0.025	0.	0.
240 - 210	0.688	0.538	0.288	0.088	0.012	0.
210 - 180	0.713	0.562	0.363	0.150	0.050	0.
180 - 150	0.713	0.587	0.450	0.275	0.075	0.012
150 - 120	0.713	0.587	0.450	0.275	0.075	0.012
120 - 90	0.725	0.587	0.488	0.350	0.200	0.050
90 - 60	0.763	0.625	0.525	0.425	0.288	0.100
60 - 30	0.763	0.625	0.538	0.450	0.350	0.225
30 - 0	0.775	0.638	0.563	0.488	0.400	0.288

TABLE 90

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.630	0.390	0.150	0.070	0.	0.
270 - 240	0.700	0.440	0.200	0.110	0.020	0.
240 - 210	0.710	0.600	0.430	0.250	0.130	0.040
210 - 180	0.740	0.620	0.500	0.330	0.200	0.120
180 - 150	0.750	0.630	0.560	0.390	0.290	0.170
150 - 120	0.750	0.630	0.560	0.390	0.290	0.170
120 - 90	0.760	0.650	0.580	0.480	0.370	0.250
90 - 60	0.760	0.660	0.610	0.530	0.420	0.340
60 - 30	0.780	0.660	0.610	0.570	0.470	0.380
30 - 0	0.800	0.680	0.630	0.570	0.510	0.420

TABLE 8

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.692	0.458	0.350	0.142	0.075	0.
270 - 240	0.792	0.508	0.400	0.275	0.133	0.050
240 - 210	0.800	0.658	0.492	0.417	0.292	0.175
210 - 180	0.808	0.675	0.583	0.467	0.358	0.275
180 - 150	0.817	0.692	0.608	0.508	0.450	0.325
150 - 120	0.817	0.692	0.608	0.508	0.450	0.325
120 - 90	0.833	0.708	0.642	0.575	0.492	0.400
90 - 60	0.833	0.725	0.658	0.600	0.525	0.450
60 - 30	0.842	0.733	0.667	0.617	0.567	0.508
30 - 0	0.858	0.750	0.692	0.633	0.583	0.542

TABLE 90

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.764	0.564	0.429	0.350	0.207	0.057
270 - 240	0.843	0.607	0.486	0.393	0.300	0.164
240 - 210	0.871	0.757	0.586	0.493	0.414	0.364
210 - 180	0.871	0.779	0.686	0.529	0.450	0.407
180 - 150	0.879	0.786	0.721	0.600	0.479	0.443
150 - 120	0.879	0.786	0.721	0.600	0.479	0.443
120 - 90	0.879	0.793	0.750	0.636	0.550	0.471
90 - 60	0.879	0.800	0.750	0.679	0.600	0.521
60 - 30	0.907	0.807	0.764	0.729	0.657	0.564
30 - 0	0.907	0.807	0.771	0.736	0.671	0.607

TABLE IV

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	0	100	200	300	400	500
300 - 270	0.769	0.631	0.550	0.425	0.331	0.219
270 - 240	0.831	0.656	0.587	0.513	0.387	0.288
240 - 210	0.900	0.812	0.675	0.600	0.531	0.450
210 - 180	0.900	0.819	0.756	0.644	0.569	0.500
180 - 150	0.913	0.825	0.781	0.713	0.625	0.556
150 - 120	0.913	0.825	0.781	0.713	0.625	0.556
120 - 90	0.913	0.831	0.794	0.738	0.669	0.581
90 - 60	0.913	0.831	0.794	0.763	0.706	0.644
60 - 30	0.919	0.838	0.806	0.775	0.731	0.662
30 - 0	0.931	0.850	0.806	0.788	0.756	0.706

site 1 ①
target position A – E
Range 10 – M

TABLE 91

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.	0.	0.	0.	0.	0.
90 - 60	0.	0.	0.	0.	0.	0.
60 - 30	0.	0.	0.	0.	0.	0.
30 - 0	0.	0.	0.	0.	0.	0.

SITE NO 1

site 1
target pos. A-E
Range 20 M

TABLE 91

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.100	0.025	0.	0.	0.	0.
270 - 240	0.125	0.050	0.	0.	0.	0.
240 - 210	0.125	0.075	0.	0.	0.	0.
210 - 180	0.150	0.100	0.025	0.	0.	0.
180 - 150	0.150	0.100	0.025	0.	0.	0.
150 - 120	0.150	0.100	0.025	0.	0.	0.
120 - 90	0.150	0.125	0.050	0.	0.	0.
90 - 60	0.150	0.125	0.075	0.	0.	0.
60 - 30	0.175	0.125	0.100	0.025	0.	0.
30 - 0	0.175	0.150	0.100	0.050	0.	0.

site 1
target for A-E

TABLE 91

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.300	0.267	0.250	0.200	0.	0.
270 - 240	0.300	0.267	0.250	0.217	0.	0.
240 - 210	0.300	0.283	0.267	0.233	0.	0.
210 - 180	0.300	0.300	0.267	0.250	0.	0.
180 - 150	0.333	0.300	0.267	0.267	0.	0.
150 - 120	0.333	0.300	0.267	0.267	0.	0.
120 - 90	0.350	0.333	0.267	0.267	0.	0.
90 - 60	0.400	0.350	0.283	0.267	0.	0.
60 - 30	0.467	0.383	0.317	0.267	0.	0.
30 - 0	0.567	0.417	0.333	0.267	0.	0.

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site 1
target pos A-E

TABLE 9/ X

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM 10	25	50	75	0	0
300 - 270	0.275	0.238	0.188	0.137	0.	0.
270 - 240	0.350	0.350	0.238	0.162	0.	0.
240 - 210	0.350	0.350	0.338	0.325	0.	0.
210 - 180	0.350	0.350	0.338	0.325	0.	0.
180 - 150	0.387	0.350	0.350	0.325	0.	0.
150 - 120	0.387	0.350	0.350	0.325	0.	0.
120 - 90	0.475	0.350	0.350	0.325	0.	0.
90 - 60	0.500	0.438	0.350	0.337	0.	0.
60 - 30	0.638	0.488	0.400	0.350	0.	0.
30 - 0	0.700	0.625	0.463	0.387	0.	0.

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site 1
target pos. A-E

TABLE 91 A

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.150	0.150	0.110	0.090	0.	0.
270 - 240	0.180	0.170	0.140	0.110	0.	0.
240 - 210	0.390	0.370	0.330	0.260	0.	0.
210 - 180	0.390	0.380	0.370	0.360	0.	0.
180 - 150	0.430	0.380	0.370	0.360	0.	0.
150 - 120	0.430	0.380	0.370	0.360	0.	0.
120 - 90	0.640	0.420	0.370	0.370	0.	0.
90 - 60	0.720	0.570	0.390	0.370	0.	0.
60 - 30	0.820	0.680	0.500	0.410	0.	0.
30 - 0	0.890	0.820	0.660	0.530	0.	0.

site 1 6
target pos. A
A-E

TABLE 91

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.133	0.108	0.100	0.075	0.	0.
270 - 240	0.167	0.142	0.117	0.083	0.	0.
240 - 210	0.225	0.192	0.167	0.150	0.	0.
210 - 180	0.275	0.233	0.233	0.192	0.	0.
180 - 150	0.358	0.292	0.250	0.242	0.	0.
150 - 120	0.358	0.292	0.250	0.242	0.	0.
120 - 90	0.467	0.375	0.300	0.267	0.	0.
90 - 60	0.683	0.633	0.408	0.325	0.	0.
60 - 30	0.817	0.700	0.625	0.442	0.	0.
30 - 0	0.925	0.825	0.725	0.625	0.	0.

site 1
target pos. A-E

TABLE 91

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.136	0.086	0.079	0.057	0.	0.
270 - 240	0.164	0.107	0.100	0.079	0.	0.
240 - 210	0.236	0.136	0.129	0.121	0.	0.
210 - 180	0.293	0.179	0.150	0.136	0.	0.
180 - 150	0.364	0.243	0.186	0.179	0.	0.
150 - 120	0.364	0.243	0.186	0.179	0.	0.
120 - 90	0.436	0.307	0.214	0.193	0.	0.
90 - 60	0.579	0.507	0.400	0.286	0.	0.
60 - 30	0.736	0.671	0.614	0.450	0.	0.
30 - 0	0.793	0.743	0.686	0.650	0.	0.

site 1 & target pos. A-E

TABLE 91

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.137	0.100	0.044	0.031	0.	0.
270 - 240	0.156	0.125	0.088	0.063	0.	0.
240 - 210	0.250	0.156	0.100	0.088	0.	0.
210 - 180	0.275	0.219	0.125	0.113	0.	0.
180 - 150	0.331	0.262	0.175	0.138	0.	0.
150 - 120	0.331	0.262	0.175	0.138	0.	0.
120 - 90	0.406	0.319	0.238	0.169	0.	0.
90 - 60	0.575	0.512	0.413	0.300	0.	0.
60 - 30	0.725	0.675	0.556	0.469	0.	0.
30 - 0	0.744	0.725	0.681	0.638	0.	0.

site 1 1

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TABLE X

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.	0.	0.	0.	0.	0.
90 - 60	0.	0.	0.	0.	0.	0.
60 - 30	0.	0.	0.	0.	0.	0.
30 - 0	0.	0.	0.	0.	0.	0.

SITE NO 1

TABLE 22

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.100	0.025	0.	0.	0.	0.
270 - 240	0.100	0.025	0.	0.	0.	0.
240 - 210	0.125	0.075	0.	0.	0.	0.
210 - 180	0.125	0.075	0.	0.	0.	0.
180 - 150	0.125	0.100	0.	0.	0.	0.
150 - 120	0.125	0.100	0.	0.	0.	0.
120 - 90	0.125	0.125	0.025	0.	0.	0.
90 - 60	0.150	0.125	0.075	0.	0.	0.
60 - 30	0.150	0.125	0.075	0.	0.	0.
30 - 0	0.225	0.125	0.100	0.025	0.	0.

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TABLE IV

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.283	0.267	0.233	0.200	0.	0.
270 - 240	0.300	0.267	0.233	0.217	0.	0.
240 - 210	0.317	0.283	0.267	0.233	0.	0.
210 - 180	0.317	0.283	0.267	0.233	0.	0.
180 - 150	0.333	0.300	0.267	0.250	0.	0.
150 - 120	0.333	0.300	0.267	0.250	0.	0.
120 - 90	0.400	0.317	0.283	0.267	0.	0.
90 - 60	0.567	0.333	0.283	0.267	0.	0.
60 - 30	0.633	0.500	0.300	0.267	0.	0.
30 - 0	0.650	0.617	0.433	0.283	0.	0.

TABLE 92

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.288	0.238	0.175	0.137	0.	0.
270 - 240	0.350	0.350	0.250	0.162	0.	0.
240 - 210	0.363	0.350	0.325	0.325	0.	0.
210 - 180	0.363	0.350	0.337	0.325	0.	0.
180 - 150	0.363	0.363	0.337	0.325	0.	0.
150 - 120	0.363	0.363	0.337	0.325	0.	0.
120 - 90	0.363	0.363	0.337	0.325	0.	0.
90 - 60	0.550	0.375	0.350	0.337	0.	0.
60 - 30	0.700	0.625	0.425	0.337	0.	0.
30 - 0	0.738	0.700	0.625	0.462	0.	0.

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TABLE IV

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 50 M

TARGET HEIGHT INCREMENTS CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.170	0.150	0.140	0.100	0.	0.
270 - 240	0.220	0.170	0.150	0.120	0.	0.
240 - 210	0.390	0.380	0.350	0.300	0.	0.
210 - 180	0.400	0.380	0.370	0.360	0.	0.
180 - 150	0.410	0.380	0.380	0.370	0.	0.
150 - 120	0.410	0.380	0.380	0.370	0.	0.
120 - 90	0.440	0.380	0.380	0.370	0.	0.
90 - 60	0.560	0.440	0.380	0.380	0.	0.
60 - 30	0.780	0.670	0.460	0.380	0.	0.
30 - 0	0.830	0.760	0.690	0.610	0.	0.

TABLE 92

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.125	0.092	0.092	0.075	0.	0.
270 - 240	0.158	0.133	0.100	0.092	0.	0.
240 - 210	0.258	0.208	0.158	0.150	0.	0.
210 - 180	0.292	0.242	0.225	0.208	0.	0.
180 - 150	0.342	0.292	0.242	0.242	0.	0.
150 - 120	0.342	0.292	0.242	0.242	0.	0.
120 - 90	0.400	0.350	0.283	0.267	0.	0.
90 - 60	0.517	0.458	0.400	0.342	0.	0.
60 - 30	0.750	0.667	0.425	0.392	0.	0.
30 - 0	0.867	0.800	0.750	0.633	0.	0.

TABLE 92

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.150	0.086	0.071	0.043	0.	0.
270 - 240	0.179	0.114	0.100	0.079	0.	0.
240 - 210	0.314	0.193	0.129	0.121	0.	0.
210 - 180	0.357	0.243	0.164	0.150	0.	0.
180 - 150	0.407	0.279	0.207	0.171	0.	0.
150 - 120	0.407	0.279	0.207	0.171	0.	0.
120 - 90	0.479	0.329	0.236	0.186	0.	0.
90 - 60	0.543	0.464	0.400	0.336	0.	0.
60 - 30	0.621	0.564	0.486	0.436	0.	0.
30 - 0	0.771	0.714	0.657	0.636	0.	0.

site 1 2

TABLE 92

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.169	0.137	0.081	0.044	0.	0.
270 - 240	0.181	0.144	0.125	0.063	0.	0.
240 - 210	0.300	0.200	0.162	0.094	0.	0.
210 - 180	0.356	0.281	0.194	0.150	0.	0.
180 - 150	0.406	0.313	0.238	0.169	0.	0.
150 - 120	0.406	0.313	0.238	0.169	0.	0.
120 - 90	0.462	0.387	0.306	0.219	0.	0.
90 - 60	0.550	0.500	0.475	0.419	0.	0.
60 - 30	0.606	0.544	0.506	0.481	0.	0.
30 - 0	0.850	0.700	0.650	0.613	0.	0.

site 1

TABLE 93

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.	0.	0.	0.	0.	0.
90 - 60	0.	0.	0.	0.	0.	0.
60 - 30	0.	0.	0.	0.	0.	0.
30 - 0	0.	0.	0.	0.	0.	0.

SITE NO 1.
TABLE 93 (Sh. 1 of 8)

TABLE 93

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.075	0.025	0.	0.	0.	0.
270 - 240	0.125	0.025	0.	0.	0.	0.
240 - 210	0.125	0.075	0.	0.	0.	0.
210 - 180	0.125	0.075	0.	0.	0.	0.
180 - 150	0.125	0.075	0.025	0.	0.	0.
150 - 120	0.125	0.075	0.025	0.	0.	0.
120 - 90	0.125	0.125	0.025	0.	0.	0.
90 - 60	0.175	0.125	0.075	0.	0.	0.
60 - 30	0.250	0.125	0.075	0.	0.	0.
30 - 0	0.350	0.225	0.125	0.025	0.	0.

TABLE 23

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.300	0.283	0.233	0.200	0.	0.
270 - 240	0.300	0.300	0.233	0.217	0.	0.
240 - 210	0.317	0.300	0.267	0.233	0.	0.
210 - 180	0.317	0.300	0.283	0.250	0.	0.
180 - 150	0.350	0.300	0.283	0.250	0.	0.
150 - 120	0.350	0.300	0.283	0.250	0.	0.
120 - 90	0.350	0.300	0.283	0.250	0.	0.
90 - 60	0.383	0.333	0.300	0.283	0.	0.
60 - 30	0.700	0.417	0.300	0.283	0.	0.
30 - 0	0.750	0.683	0.450	0.333	0.	0.

TABLE 93

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.313	0.250	0.175	0.137	0.	0.
270 - 240	0.337	0.325	0.275	0.188	0.	0.
240 - 210	0.350	0.337	0.325	0.313	0.	0.
210 - 180	0.362	0.350	0.325	0.325	0.	0.
180 - 150	0.362	0.350	0.325	0.325	0.	0.
150 - 120	0.362	0.350	0.325	0.325	0.	0.
120 - 90	0.387	0.350	0.338	0.325	0.	0.
90 - 60	0.487	0.387	0.338	0.337	0.	0.
60 - 30	0.675	0.575	0.350	0.337	0.	0.
30 - 0	0.812	0.763	0.713	0.513	0.	0.

TABLE 23

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.190	0.140	0.120	0.080	0.	0.
270 - 240	0.260	0.190	0.150	0.120	0.	0.
240 - 210	0.380	0.370	0.360	0.340	0.	0.
210 - 180	0.380	0.370	0.360	0.350	0.	0.
180 - 150	0.380	0.380	0.360	0.360	0.	0.
150 - 120	0.380	0.380	0.360	0.360	0.	0.
120 - 90	0.380	0.380	0.370	0.360	0.	0.
90 - 60	0.390	0.380	0.380	0.360	0.	0.
60 - 30	0.550	0.500	0.400	0.360	0.	0.
30 - 0	0.810	0.750	0.720	0.590	0.	0.

TABLE 23

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.117	0.100	0.083	0.058	0.	0.
270 - 240	0.175	0.158	0.108	0.075	0.	0.
240 - 210	0.250	0.225	0.217	0.175	0.	0.
210 - 180	0.275	0.258	0.233	0.225	0.	0.
180 - 150	0.325	0.275	0.275	0.250	0.	0.
150 - 120	0.325	0.275	0.275	0.250	0.	0.
120 - 90	0.383	0.342	0.317	0.292	0.	0.
90 - 60	0.458	0.408	0.392	0.375	0.	0.
60 - 30	0.575	0.450	0.392	0.392	0.	0.
30 - 0	0.833	0.800	0.700	0.475	0.	0.

TABLE 23

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.193	0.129	0.071	0.050	0.	0.
270 - 240	0.236	0.171	0.093	0.071	0.	0.
240 - 210	0.343	0.250	0.143	0.121	0.	0.
210 - 180	0.386	0.293	0.179	0.164	0.	0.
180 - 150	0.436	0.321	0.207	0.179	0.	0.
150 - 120	0.436	0.321	0.207	0.179	0.	0.
120 - 90	0.486	0.436	0.257	0.207	0.	0.
90 - 60	0.507	0.486	0.429	0.379	0.	0.
60 - 30	0.521	0.486	0.457	0.407	0.	0.
30 - 0	0.714	0.657	0.543	0.450	0.	0.

TABLE 23

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.213	0.189	0.137	0.088	0.	0.
270 - 240	0.244	0.188	0.169	0.125	0.	0.
240 - 210	0.350	0.269	0.194	0.156	0.	0.
210 - 180	0.406	0.331	0.244	0.200	0.	0.
180 - 150	0.469	0.381	0.294	0.244	0.	0.
150 - 120	0.469	0.381	0.294	0.244	0.	0.
120 - 90	0.538	0.500	0.413	0.294	0.	0.
90 - 60	0.550	0.513	0.481	0.450	0.	0.
60 - 30	0.563	0.538	0.494	0.469	0.	0.
30 - 0	0.838	0.638	0.531	0.488	0.	0.

site 1

TABLE 9W

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.	0.	0.	0.	0.	0.
90 - 60	0.	0.	0.	0.	0.	0.
60 - 30	0.	0.	0.	0.	0.	0.
30 - 0	0.	0.	0.	0.	0.	0.

SITE NO. 1

TABLE 9W (1 of 1)

TABLE 94

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.100	0.	0.	0.	0.	0.
270 - 240	0.125	0.025	0.	0.	0.	0.
240 - 210	0.125	0.075	0.	0.	0.	0.
210 - 180	0.150	0.075	0.	0.	0.	0.
180 - 150	0.150	0.125	0.025	0.	0.	0.
150 - 120	0.150	0.125	0.025	0.	0.	0.
120 - 90	0.150	0.125	0.075	0.	0.	0.
90 - 60	0.175	0.125	0.075	0.	0.	0.
60 - 30	0.200	0.125	0.100	0.025	0.	0.
30 - 0	0.425	0.200	0.125	0.050	0.	0.

TABLE 94

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.267	0.250	0.233	0.200	0.	0.
270 - 240	0.267	0.267	0.233	0.200	0.	0.
240 - 210	0.267	0.267	0.233	0.233	0.	0.
210 - 180	0.283	0.267	0.250	0.233	0.	0.
180 - 150	0.283	0.267	0.267	0.233	0.	0.
150 - 120	0.283	0.267	0.267	0.233	0.	0.
120 - 90	0.300	0.283	0.267	0.250	0.	0.
90 - 60	0.317	0.283	0.267	0.250	0.	0.
60 - 30	0.350	0.283	0.283	0.267	0.	0.
30 - 0	0.550	0.383	0.283	0.267	0.	0.

TABLE 94

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.313	0.225	0.162	0.125	0.	0.
270 - 240	0.337	0.325	0.262	0.162	0.	0.
240 - 210	0.362	0.337	0.325	0.300	0.	0.
210 - 180	0.375	0.337	0.325	0.300	0.	0.
180 - 150	0.400	0.337	0.325	0.325	0.	0.
150 - 120	0.400	0.337	0.325	0.325	0.	0.
120 - 90	0.412	0.375	0.325	0.325	0.	0.
90 - 60	0.450	0.413	0.325	0.325	0.	0.
60 - 30	0.462	0.438	0.337	0.325	0.	0.
30 - 0	0.537	0.462	0.412	0.325	0.	0.

TABLE 9K

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.160	0.120	0.090	0.060	0.	0.
270 - 240	0.240	0.160	0.110	0.090	0.	0.
240 - 210	0.370	0.360	0.350	0.320	0.	0.
210 - 180	0.380	0.370	0.350	0.350	0.	0.
180 - 150	0.380	0.370	0.350	0.350	0.	0.
150 - 120	0.380	0.370	0.350	0.350	0.	0.
120 - 90	0.380	0.370	0.360	0.350	0.	0.
90 - 60	0.380	0.380	0.360	0.350	0.	0.
60 - 30	0.470	0.420	0.360	0.360	0.	0.
30 - 0	0.540	0.470	0.430	0.360	0.	0.

TABLE 9c

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.125	0.100	0.075	0.058	0.	0.
270 - 240	0.158	0.142	0.100	0.075	0.	0.
240 - 210	0.242	0.217	0.183	0.133	0.	0.
210 - 180	0.275	0.267	0.250	0.200	0.	0.
180 - 150	0.317	0.292	0.275	0.250	0.	0.
150 - 120	0.317	0.292	0.275	0.250	0.	0.
120 - 90	0.400	0.400	0.333	0.300	0.	0.
90 - 60	0.400	0.400	0.392	0.383	0.	0.
60 - 30	0.417	0.400	0.400	0.392	0.	0.
30 - 0	0.533	0.458	0.425	0.392	0.	0.

TABLE IV

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.236	0.171	0.093	0.057	0.	0.
270 - 240	0.264	0.214	0.114	0.071	0.	0.
240 - 210	0.293	0.229	0.193	0.107	0.	0.
210 - 180	0.357	0.293	0.221	0.121	0.	0.
180 - 150	0.393	0.329	0.286	0.179	0.	0.
150 - 120	0.393	0.329	0.286	0.179	0.	0.
120 - 90	0.457	0.407	0.407	0.279	0.	0.
90 - 60	0.464	0.414	0.407	0.407	0.	0.
60 - 30	0.479	0.443	0.407	0.407	0.	0.
30 - 0	0.507	0.464	0.414	0.407	0.	0.

TABLE 94

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.238	0.181	0.162	0.119	0.	0.
270 - 240	0.262	0.213	0.181	0.138	0.	0.
240 - 210	0.356	0.250	0.200	0.175	0.	0.
210 - 180	0.412	0.288	0.219	0.194	0.	0.
180 - 150	0.456	0.369	0.250	0.219	0.	0.
150 - 120	0.456	0.369	0.250	0.219	0.	0.
120 - 90	0.500	0.469	0.406	0.344	0.	0.
90 - 60	0.506	0.481	0.450	0.413	0.	0.
60 - 30	0.594	0.488	0.463	0.419	0.	0.
30 - 0	0.656	0.488	0.475	0.463	0.	0.

site 1

TABLE 95

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.	0.	0.	0.	0.	0.
90 - 60	0.	0.	0.	0.	0.	0.
60 - 30	0.	0.	0.	0.	0.	0.
30 - 0	0.	0.	0.	0.	0.	0.

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TABLE 95

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.075	0.025	0.	0.	0.	0.
270 - 240	0.075	0.025	0.	0.	0.	0.
240 - 210	0.100	0.050	0.025	0.	0.	0.
210 - 180	0.100	0.100	0.025	0.	0.	0.
180 - 150	0.150	0.100	0.050	0.	0.	0.
150 - 120	0.150	0.100	0.050	0.	0.	0.
120 - 90	0.150	0.100	0.050	0.	0.	0.
90 - 60	0.175	0.125	0.075	0.025	0.	0.
60 - 30	0.175	0.125	0.100	0.050	0.	0.
30 - 0	0.175	0.175	0.125	0.075	0.	0.

TABLE 25

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.250	0.250	0.200	0.183	0.	0.
270 - 240	0.267	0.250	0.233	0.183	0.	0.
240 - 210	0.267	0.267	0.233	0.233	0.	0.
210 - 180	0.267	0.267	0.233	0.233	0.	0.
180 - 150	0.267	0.267	0.267	0.233	0.	0.
150 - 120	0.267	0.267	0.267	0.233	0.	0.
120 - 90	0.267	0.267	0.267	0.233	0.	0.
90 - 60	0.283	0.267	0.267	0.233	0.	0.
60 - 30	0.300	0.283	0.267	0.267	0.	0.
30 - 0	0.300	0.283	0.267	0.267	0.	0.

TABLE A

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.250	0.200	0.137	0.088	0.	0.
270 - 240	0.325	0.262	0.200	0.138	0.	0.
240 - 210	0.325	0.325	0.313	0.288	0.	0.
210 - 180	0.325	0.325	0.313	0.288	0.	0.
180 - 150	0.350	0.325	0.325	0.313	0.	0.
150 - 120	0.350	0.325	0.325	0.313	0.	0.
120 - 90	0.350	0.325	0.325	0.313	0.	0.
90 - 60	0.375	0.337	0.325	0.313	0.	0.
60 - 30	0.387	0.337	0.325	0.325	0.	0.
30 - 0	0.412	0.375	0.325	0.325	0.	0.

TABLE 25

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.180	0.120	0.110	0.070	0.	0.
270 - 240	0.280	0.200	0.130	0.100	0.	0.
240 - 210	0.410	0.330	0.290	0.250	0.	0.
210 - 180	0.420	0.370	0.360	0.310	0.	0.
180 - 150	0.430	0.390	0.360	0.350	0.	0.
150 - 120	0.430	0.390	0.360	0.350	0.	0.
120 - 90	0.430	0.400	0.360	0.350	0.	0.
90 - 60	0.450	0.430	0.370	0.360	0.	0.
60 - 30	0.470	0.440	0.390	0.360	0.	0.
30 - 0	0.510	0.450	0.420	0.370	0.	0.

TABLE 25

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.117	0.100	0.075	0.067	0.	0.
270 - 240	0.150	0.142	0.108	0.075	0.	0.
240 - 210	0.200	0.175	0.158	0.142	0.	0.
210 - 180	0.258	0.225	0.192	0.167	0.	0.
180 - 150	0.308	0.283	0.267	0.233	0.	0.
150 - 120	0.308	0.283	0.267	0.233	0.	0.
120 - 90	0.400	0.358	0.333	0.308	0.	0.
90 - 60	0.400	0.392	0.392	0.383	0.	0.
60 - 30	0.425	0.400	0.392	0.383	0.	0.
30 - 0	0.467	0.442	0.392	0.383	0.	0.

TABLE 95

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.257	0.193	0.129	0.057	0.	0.
270 - 240	0.279	0.221	0.171	0.071	0.	0.
240 - 210	0.300	0.264	0.207	0.121	0.	0.
210 - 180	0.321	0.293	0.221	0.157	0.	0.
180 - 150	0.379	0.343	0.264	0.193	0.	0.
150 - 120	0.379	0.343	0.264	0.193	0.	0.
120 - 90	0.393	0.386	0.371	0.336	0.	0.
90 - 60	0.407	0.407	0.407	0.400	0.	0.
60 - 30	0.421	0.407	0.407	0.400	0.	0.
30 - 0	0.450	0.407	0.407	0.407	0.	0.

TABLE #5

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.244	0.200	0.169	0.131	0.	0.
270 - 240	0.288	0.219	0.206	0.156	0.	0.
240 - 210	0.344	0.269	0.225	0.200	0.	0.
210 - 180	0.369	0.300	0.237	0.219	0.	0.
180 - 150	0.406	0.369	0.275	0.238	0.	0.
150 - 120	0.406	0.369	0.275	0.238	0.	0.
120 - 90	0.431	0.394	0.369	0.356	0.	0.
90 - 60	0.456	0.431	0.406	0.388	0.	0.
60 - 30	0.556	0.444	0.413	0.413	0.	0.
30 - 0	0.619	0.463	0.419	0.413	0.	0.

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TABLE A

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0%
270 - 240	0.	0.	0.	0.	0.	0%
240 - 210	0.	0.	0.	0.	0.	0%
210 - 180	0.	0.	0.	0.	0.	0%
180 - 150	0.	0.	0.	0.	0.	0%
150 - 120	0.	0.	0.	0.	0.	0%
120 - 90	0.	0.	0.	0.	0.	0%
90 - 60	0.090	0.	0.	0.	0.	0%
60 - 30	0.150	0.	0.	0.	0.	0%
30 - 0	0.350	0.250	0.	0.	0.	0%

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TABLE 96 (Ch. 1 of 1)

TABLE 56

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0%
270 - 240	0.	0.	0.	0.	0.	0%
240 - 210	0.	0.	0.	0.	0.	0%
210 - 180	0.	0.	0.	0.	0.	0%
180 - 150	0.	0.	0.	0.	0.	0%
150 - 120	0.	0.	0.	0.	0.	0%
120 - 90	0.	0.	0.	0.	0.	0%
90 - 60	0.150	0.	0.	0.	0.	0%
60 - 30	0.350	0.325	0.825	0.	0.	0%
30 - 0	0.525	0.400	0.825	0.275	0.	0%

TABLE 26

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0%
270 - 240	0.	0.	0.	0.	0.	0%
240 - 210	0.	0.	0.	0.	0.	0%
210 - 180	0.	0.	0.	0.	0.	0%
180 - 150	0.017	0.	0.	0.	0.	0%
150 - 120	0.017	0.	0.	0.	0.	0%
120 - 90	0.033	0.	0.	0.	0.	0%
90 - 60	0.067	0.033	0.	0.	0.	0%
60 - 30	0.100	0.067	0.050	0.017	0.	0%
30 - 0	0.300	0.233	0.167	0.067	0.	0%

TABLE 46

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0%
270 - 240	0.012	0.	0.	0.	0.	0%
240 - 210	0.038	0.012	0.	0.	0.	0%
210 - 180	0.038	0.038	0.	0.	0.	0%
180 - 150	0.050	0.038	0.025	0.	0.	0%
150 - 120	0.050	0.038	0.025	0.	0.	0%
120 - 90	0.075	0.038	0.038	0.025	0.	0%
90 - 60	0.075	0.050	0.038	0.038	0.	0%
60 - 30	0.088	0.063	0.063	0.050	0.	0%
30 - 0	0.100	0.100	0.088	0.075	0.	0%

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TABLE 96

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0;	0;	0;	0;	0;	0;
270 - 240	0;	0;	0;	0;	0;	0;
240 - 210	0;	0;	0;	0;	0;	0;
210 - 180	0,	0,	0,	0,	0,	0;
180 - 150	0,	0,	0,	0,	0,	0;
150 - 120	0,	0,	0,	0,	0,	0;
120 - 90	0,	0,	0,	0,	0,	0;
90 - 60	0,070	0,040	0,	0,	0,	0;
60 - 30	0,100	0,080	0,070	0,050	0,	0;
30 - 0	0,120	0,110	0,100	0,090	0,	0;

TABLE 96

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0%
270 - 240	0.	0.	0.	0.	0.	0%
240 - 210	0.	0.	0.	0.	0.	0%
210 - 180	0.	0.	0.	0.	0.	0%
180 - 150	0.	0.	0.	0.	0.	0%
150 - 120	0.	0.	0.	0.	0.	0%
120 - 90	0.008	0.	0.	0.	0.	0%
90 - 60	0.033	0.017	0.	0.	0.	0%
60 - 30	0.067	0.058	0.017	0.	0.	0%
30 - 0	0.125	0.100	0.083	0.083	0.	0%

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TABLE 96

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.007	0.	0.	0.	0.	0%
270 - 240	0.007	0.	0.	0.	0.	0%
240 - 210	0.007	0.	0.	0.	0.	0%
210 - 180	0.007	0.	0.	0.	0.	0%
180 - 150	0.007	0.	0.	0.	0.	0%
150 - 120	0.007	0.	0.	0.	0.	0%
120 - 90	0.021	0.	0.	0.	0.	0%
90 - 60	0.036	0.014	0.	0.	0.	0%
60 - 30	0.057	0.043	0.014	0.	0.	0%
30 - 0	0.179	0.107	0.086	0.064	0.	0%

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TABLE A

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	Q	R
300 ± 270	0,044	0,031	0,019	0,	0,	0%
270 ± 240	0,050	0,038	0,019	0,	0,	0%
240 ± 210	0,056	0,038	0,025	0,006	0,	0%
210 ± 180	0,056	0,038	0,025	0,012	0,	0%
180 ± 150	0,069	0,050	0,025	0,012	0,	0%
150 ± 120	0,069	0,050	0,025	0,012	0,	0%
120 ± 90	0,075	0,050	0,025	0,012	0,	0%
90 ± 60	0,100	0,069	0,031	0,019	0,	0%
60 ± 30	0,156	0,100	0,056	0,031	0,	0%
30 ± 0	0,288	0,163	0,137	0,094	0,	0%

TABLE X

PROBABILITY OF SHIELDING
TARGET POSITION 8
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0%
270 - 240	0.	0.	0.	0.	0.	0%
240 - 210	0.	0.	0.	0.	0.	0%
210 - 180	0.	0.	0.	0.	0.	0%
180 - 150	0.	0.	0.	0.	0.	0%
150 - 120	0.	0.	0.	0.	0.	0%
120 - 90	0.	0.	0.	0.	0.	0%
90 - 60	0.050	0.	0.	0.	0.	0%
60 - 30	0.100	0.	0.	0.	0.	0%
30 - 0	0.350	0.200	0.	0.	0.	0%

SITE NO 2

TABLE 97 (CHANGED)

TABLE 97

TABLE A

PROBABILITY OF SHIELDING

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0;	0;	0;	0;	0;	0;
270 - 240	0;	0;	0;	0;	0;	0;
240 - 210	0;	0;	0;	0;	0;	0;
210 - 180	0;	0;	0;	0;	0;	0;
180 - 150	0,	0,	0,	0,	0,	0;
150 - 120	0,	0,	0,	0,	0,	0;
120 - 90	0,	0,	0,	0,	0,	0;
90 - 60	0,075	0,025	0,	0,	0,	0;
60 - 30	0,350	0,200	0,025	0,	0,	0;
30 - 0	0,425	0,425	0,300	0,225	0,	0;

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TABLE A 97

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	9
300 - 270	0.	0.	0.	0.	0.	0%
270 - 240	0.	0.	0.	0.	0.	0%
240 - 210	0.	0.	0.	0.	0.	0%
210 - 180	0.	0.	0.	0.	0.	0%
180 - 150	0.	0.	0.	0.	0.	0%
150 - 120	0.	0.	0.	0.	0.	0%
120 - 90	0.017	0.	0.	0.	0.	0%
90 - 60	0.033	0.033	0.	0.	0.	0%
60 - 30	0.083	0.067	0.033	0.	0.	0%
30 - 0	0.217	0.183	0.100	0.067	0.	0%

TABLE X 99

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0%
270 - 240	0.	0.	0.	0.	0.	0%
240 - 210	0.012	0.	0.	0.	0.	0%
210 - 180	0.012	0.	0.	0.	0.	0%
180 - 150	0.038	0.	0.	0.	0.	0%
150 - 120	0.038	0.	0.	0.	0.	0%
120 - 90	0.038	0.012	0.	0.	0.	0%
90 - 60	0.050	0.038	0.012	0.	0.	0%
60 - 30	0.063	0.063	0.038	0.025	0.	0%
30 - 0	0.100	0.088	0.063	0.050	0.	0%

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TABLE 97

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.030	0.010	0.	0.	0.	0%
270 - 240	0.030	0.010	0.	0.	0.	0%
240 - 210	0.050	0.020	0.	0.	0.	0%
210 - 180	0.050	0.040	0.010	0.	0.	0%
180 - 150	0.060	0.050	0.020	0.	0.	0%
150 - 120	0.060	0.050	0.020	0.	0.	0%
120 - 90	0.060	0.060	0.030	0.010	0.	0%
90 - 60	0.080	0.060	0.040	0.030	0.	0%
60 - 30	0.080	0.070	0.060	0.040	0.	0%
30 - 0	0.110	0.080	0.070	0.070	0.	0%

TABLE X 97

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.008	0.	0.	0.	0.	0.
210 - 180	0.017	0.008	0.	0.	0.	0.
180 - 150	0.017	0.008	0.	0.	0.	0.
150 - 120	0.017	0.008	0.	0.	0.	0.
120 - 90	0.025	0.017	0.	0.	0.	0.
90 - 60	0.075	0.050	0.	0.	0.	0.
60 - 30	0.083	0.075	0.067	0.058	0.	0.
30 - 0	0.108	0.092	0.083	0.075	0.	0.

Sh. 6 of 9

TABLE X 97

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0,007	0,	0,	0,	0,	0%
270 - 240	0,007	0,	0,	0,	0,	0%
240 - 210	0,007	0,	0,	0,	0,	0%
210 - 180	0,014	0,	0,	0,	0,	0%
180 - 150	0,014	0,	0,	0,	0,	0%
150 - 120	0,014	0,	0,	0,	0,	0%
120 - 90	0,029	0,007	0,	0,	0,	0%
90 - 60	0,043	0,021	0,	0,	0,	0%
60 - 30	0,093	0,057	0,021	0,014	0,	0%
30 - 0	0,186	0,114	0,079	0,071	0,	0%

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TABLE 97

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.056	0.044	0.025	0.006	0,	0%
270 - 240	0.056	0.044	0.025	0.006	0,	0%
240 - 210	0.063	0.056	0.038	0.019	0,	0%
210 - 180	0.069	0.056	0.038	0.019	0,	0%
180 - 150	0.081	0.056	0.044	0.025	0,	0%
150 - 120	0.081	0.056	0.044	0.025	0,	0%
120 - 90	0.100	0.056	0.044	0.025	0,	0%
90 - 60	0.144	0.088	0.044	0.031	0,	0%
60 - 30	0.244	0.100	0.075	0.044	0,	0%
30 - 0	0.363	0.200	0.150	0.112	0,	0%

Sheet

TABLE 9P

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0%
270 - 240	0.	0.	0.	0.	0.	0%
240 - 210	0.	0.	0.	0.	0.	0%
210 - 180	0.	0.	0.	0.	0.	0%
180 - 150	0.	0.	0.	0.	0.	0%
150 - 120	0.	0.	0.	0.	0.	0%
120 - 90	0.	0.	0.	0.	0.	0%
90 - 60	0.	0.	0.	0.	0.	0%
60 - 30	0.050	0.	0.	0.	0.	0%
30 - 0	0.400	0.200	0.	0.	0.	0%

SITE NO 2

TABLE 9P (Sh. 1 of 2)

TABLE X[98]

PROBABILITY OF SHIELDING
PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 20 M

TARGET HEIGHT INCREMENT; CM	HEIGHTS OF BURST; CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.	0.	0.	0.	0.	0.
90 - 60	0.025	0.	0.	0.	0.	0.
60 - 30	0.150	0.075	0.	0.	0.	0.
30 - 0	0.525	0.375	0.150	0.075	0.	0.

TABLE 98

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0%
270 - 240	0.	0.	0.	0.	0.	0%
240 - 210	0.	0.	0.	0.	0.	0%
210 - 180	0.	0.	0.	0.	0.	0%
180 - 150	0.	0.	0.	0.	0.	0%
150 - 120	0.	0.	0.	0.	0.	0%
120 - 90	0.	0.	0.	0.	0.	0%
90 - 60	0.	0.	0.	0.	0.	0%
60 - 30	0.100	0.083	0.	0.	0.	0%
30 - 0	0.250	0.167	0.100	0.033	0.	0%

TABLE 4

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	35	20	25	0	0
300 - 270	0,	0,	0,	0,	0,	0,
270 - 240	0,	0,	0,	0,	0,	0,
240 - 210	0,	0,	0,	0,	0,	0,
210 - 180	0,	0,	0,	0,	0,	0,
180 - 150	0,	0,	0,	0,	0,	0,
150 - 120	0,	0,	0,	0,	0,	0,
120 - 90	0,	0,	0,	0,	0,	0,
90 - 60	0,	0,	0,	0,	0,	0,
60 - 30	0,063	0,025	0,	0,	0,	0,
30 - 0	0,175	0,125	0,088	0,012	0,	0,

TABLE 98

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.010	0.	0.	0.	0.	0%
270 - 240	0.020	0.	0.	0.	0.	0%
240 - 210	0.020	0.	0.	0.	0.	0%
210 - 180	0.030	0.	0.	0.	0.	0%
180 - 150	0.040	0.	0.	0.	0.	0%
150 - 120	0.040	0.	0.	0.	0.	0%
120 - 90	0.040	0.010	0.	0.	0.	0%
90 - 60	0.040	0.030	0.	0.	0.	0%
60 - 30	0.040	0.040	0.020	0.010	0.	0%
30 - 0	0.120	0.100	0.040	0.030	0.	0%

TABLE X

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	18	25	50	75	0	0
300 - 270	0.033	0.008	0.	0.	0.	0.
270 - 240	0.033	0.017	0.	0.	0.	0.
240 - 210	0.058	0.025	0.	0.	0.	0.
210 - 180	0.067	0.025	0.008	0.	0.	0.
180 - 150	0.083	0.058	0.017	0.	0.	0.
150 - 120	0.083	0.058	0.017	0.	0.	0.
120 - 90	0.092	0.058	0.025	0.	0.	0.
90 - 60	0.108	0.067	0.042	0.	0.	0.
60 - 30	0.125	0.075	0.058	0.033	0.	0.
30 - 0	0.150	0.092	0.075	0.042	0.	0.

Sh. 6 of 9

TABLE 88

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.036	0.007	0.	0.	0,	0%
270 - 240	0.036	0.007	0.	0.	0,	0%
240 - 210	0.050	0.014	0.	0.	0,	0%
210 - 180	0.057	0.021	0.	0.	0,	0%
180 - 150	0.071	0.021	0.007	0.	0,	0%
150 - 120	0.071	0.021	0.007	0.	0,	0%
120 - 90	0.079	0.029	0.007	0.	0,	0%
90 - 60	0.093	0.043	0.014	0.	0,	0%
60 - 30	0.164	0.100	0.029	0.007	0,	0%
30 - 0	0.250	0.129	0.086	0.064	0,	0%

TABLE 98

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0,063	0,050	0,025	0,006	0,	0%
270 - 240	0,063	0,050	0,031	0,006	0,	0%
240 - 210	0,075	0,063	0,038	0,025	0,	0%
210 - 180	0,094	0,063	0,050	0,025	0,	0%
180 - 150	0,106	0,075	0,050	0,031	0,	0%
150 - 120	0,106	0,075	0,050	0,031	0,	0%
120 - 90	0,144	0,075	0,050	0,038	0,	0%
90 - 60	0,219	0,100	0,063	0,044	0,	0%
60 - 30	0,319	0,144	0,069	0,050	0,	0%
30 - 0	0,413	0,256	0,125	0,081	0,	0%

Sh. 4 of 8

TABLE 99

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0%
270 - 240	0.	0.	0.	0.	0.	0%
240 - 210	0.	0.	0.	0.	0.	0%
210 - 180	0.	0.	0.	0.	0.	0%
180 - 150	0.	0.	0.	0.	0.	0%
150 - 120	0.	0.	0.	0.	0.	0%
120 - 90	0.	0.	0.	0.	0.	0%
90 - 60	0.	0.	0.	0.	0.	0%
60 - 30	0.100	0.	0.	0.	0.	0%
30 - 0	0.250	0.030	0.	0.	0.	0%

SITE NO 2.

TABLE 99 (SH. 1 OF 9)

TABLE 4/59

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0%
270 - 240	0.	0.	0.	0.	0.	0%
240 - 210	0.	0.	0.	0.	0.	0%
210 - 180	0.	0.	0.	0.	0.	0%
180 - 150	0.	0.	0.	0.	0.	0%
150 - 120	0.	0.	0.	0.	0.	0%
120 - 90	0.	0.	0.	0.	0.	0%
90 - 60	0.	0.	0.	0.	0.	0%
60 - 30	0.175	0.	0.	0.	0.	0%
30 - 0	0.375	0.250	0.125	0.	0.	0%

Sh. 2 of 8

TABLE 99

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0%
270 - 240	0.	0.	0.	0.	0.	0%
240 - 210	0.	0.	0.	0.	0.	0%
210 - 180	0.	0.	0.	0.	0.	0%
180 - 150	0.	0.	0.	0.	0.	0%
150 - 120	0.	0.	0.	0.	0.	0%
120 - 90	0.017	0.	0.	0.	0.	0%
90 - 60	0.017	0.	0.	0.	0.	0%
60 - 30	0.100	0.067	0.	0.	0.	0%
30 - 0	0.250	0.183	0.100	0.050	0.	0%

TABLE A 99

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0%
270 - 240	0.	0.	0.	0.	0.	0%
240 - 210	0.	0.	0.	0.	0.	0%
210 - 180	0.	0.	0.	0.	0.	0%
180 - 150	0.	0.	0.	0.	0.	0%
150 - 120	0.	0.	0.	0.	0.	0%
120 - 90	0.	0.	0.	0.	0.	0%
90 - 60	0.	0.	0.	0.	0.	0%
60 - 30	0.075	0.090	0.	0.	0.	0%
30 - 0	0.163	0.112	0.088	0.025	0.	0%

TABLE A 99

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	18	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.	0.	0.	0.	0.	0.
90 - 60	0.010	0.	0.	0.	0.	0.
60 - 30	0.050	0.040	0.	0.	0.	0.
30 - 0	0.130	0.110	0.070	0.030	0.	0.

TABLE 99

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	Q	P
300 - 270	0.058	0.	0.	0.	0.	0%
270 - 240	0.058	0.017	0.	0.	0.	0%
240 - 210	0.067	0.017	0.	0.	0.	0%
210 - 180	0.075	0.017	0.	0.	0.	0%
180 - 150	0.083	0.033	0.	0.	0.	0%
150 - 120	0.083	0.033	0.	0.	0.	0%
120 - 90	0.083	0.050	0.	0.	0.	0%
90 - 60	0.092	0.067	0.	0.	0.	0%
60 - 30	0.108	0.075	0.017	0.017	0.	0%
30 - 0	0.183	0.125	0.042	0.033	0.	0%

TABLE # 99

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.050	0.021	0.007	0.	0,	0%
270 - 240	0.057	0.021	0.014	0.	0,	0%
240 - 210	0.079	0.036	0.014	0.	0,	0%
210 - 180	0.086	0.043	0.021	0.	0,	0%
180 - 150	0.107	0.050	0.021	0.007	0,	0%
150 - 120	0.107	0.050	0.021	0.007	0,	0%
120 - 90	0.129	0.064	0.029	0.007	0,	0%
90 - 60	0.164	0.071	0.043	0.007	0,	0%
60 - 30	0.229	0.114	0.050	0.036	0,	0%
30 - 0	0.300	0.164	0.057	0.050	0,	0%

TABLE A99

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.081	0.050	0.031	0.006	0.	0%
270 - 240	0.087	0.063	0.038	0.019	0.	0%
240 - 210	0.119	0.081	0.044	0.025	0.	0%
210 - 180	0.131	0.106	0.050	0.031	0.	0%
180 - 150	0.144	0.112	0.069	0.038	0.	0%
150 - 120	0.144	0.112	0.069	0.038	0.	0%
120 - 90	0.188	0.119	0.081	0.044	0.	0%
90 - 60	0.288	0.144	0.088	0.044	0.	0%
60 - 30	0.396	0.244	0.125	0.063	0.	0%
30 - 0	0.400	0.313	0.175	0.119	0.	0%

TABLE A/100

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0%
270 - 240	0.	0.	0.	0.	0.	0%
240 - 210	0.	0.	0.	0.	0.	0%
210 - 180	0.	0.	0.	0.	0.	0%
180 - 150	0.	0.	0.	0.	0.	0%
150 - 120	0.	0.	0.	0.	0.	0%
120 - 90	0.	0.	0.	0.	0.	0%
90 - 60	0.	0.	0.	0.	0.	0%
60 - 30	0.	0.	0.	0.	0.	0%
30 - 0	0.050	0.	0.	0.	0.	0%

SITE NO 2

TABLE 100 cl 1.0(a)

TABLE IV-100

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0%
270 - 240	0.	0.	0.	0.	0.	0%
240 - 210	0.	0.	0.	0.	0.	0%
210 - 180	0.	0.	0.	0.	0.	0%
180 - 150	0.	0.	0.	0.	0.	0%
150 - 120	0.	0.	0.	0.	0.	0%
120 - 90	0.025	0.	0.	0.	0.	0%
90 - 60	0.050	0.	0.	0.	0.	0%
60 - 30	0.075	0.050	0.	0.	0.	0%
30 - 0	0.125	0.075	0.	0.	0.	0%

Sheet

TABLE X100

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0,	0,	0,	0,	0,	0%
270 - 240	0,	0,	0,	0,	0,	0%
240 - 210	0,	0,	0,	0,	0,	0%
210 - 180	0,	0,	0,	0,	0,	0%
180 - 150	0,	0,	0,	0,	0,	0%
150 - 120	0,	0,	0,	0,	0,	0%
120 - 90	0,017	0,	0,	0,	0,	0%
90 - 60	0,050	0,033	0,	0,	0,	0%
60 - 30	0,083	0,067	0,017	0,	0,	0%
30 - 0	0,183	0,133	0,083	0,033	0,	0%

TABLE A100

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	9
300 - 270	0.	0.	0.	0.	0.	0%
270 - 240	0.	0.	0.	0.	0.	0%
240 - 210	0.	0.	0.	0.	0.	0%
210 - 180	0.	0.	0.	0.	0.	0%
180 - 150	0.	0.	0.	0.	0.	0%
150 - 120	0.	0.	0.	0.	0.	0%
120 - 90	0.	0.	0.	0.	0.	0%
90 - 60	0.050	0.012	0.	0.	0.	0%
60 - 30	0.075	0.038	0.025	0.	0.	0%
30 - 0	0.150	0.113	0.063	0.038	0.	0%

Sh. 4 of 6

TABLE IV

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0%
270 - 240	0.	0.	0.	0.	0.	0%
240 - 210	0.	0.	0.	0.	0.	0%
210 - 180	0.	0.	0.	0.	0.	0%
180 - 150	0.	0.	0.	0.	0.	0%
150 - 120	0.	0.	0.	0.	0.	0%
120 - 90	0.010	0.	0.	0.	0.	0%
90 - 60	0.030	0.020	0.	0.	0.	0%
60 - 30	0.050	0.030	0.010	0.	0.	0%
30 - 0	0.110	0.100	0.050	0.050	0.	0%

AD-A040 173 ARMY ENGINEER WATERWAYS EXPERIMENT STATION VICKSBURG MISS F/G 18/6
ANALYTICAL STUDY OF GROUND-SURFACE SHIELDING CHARACTERISTICS OF--ETC(U)
JUN 74 H W WEST, P L DOIRON, J A PARKS

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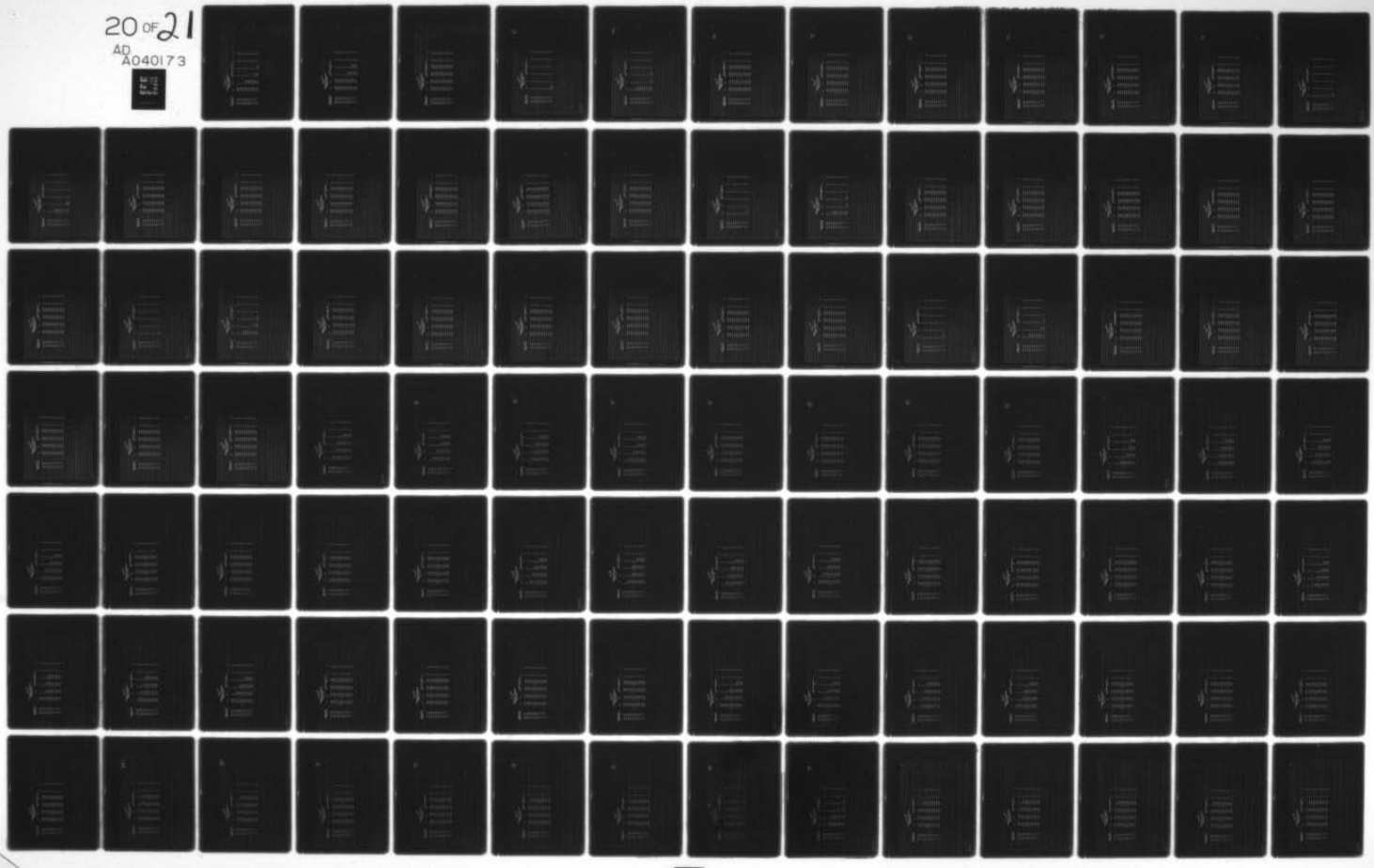

TABLE #/00

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.008	0.	0.	0.	0.	0%
270 - 240	0.008	0.	0.	0.	0.	0%
240 - 210	0.033	0.	0.	0.	0.	0%
210 - 180	0.033	0.	0.	0.	0.	0%
180 - 150	0.042	0.008	0.	0.	0.	0%
150 - 120	0.042	0.008	0.	0.	0.	0%
120 - 90	0.050	0.008	0.	0.	0.	0%
90 - 60	0.075	0.025	0.	0.	0.	0%
60 - 30	0.117	0.050	0.017	0.	0.	0%
30 - 0	0.192	0.100	0.050	0.033	0.	0%

TABLE #100

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0,021	0,007	0,	0,	0,	0%
270 - 240	0,029	0,007	0,	0,	0,	0%
240 - 210	0,036	0,007	0,	0,	0,	0%
210 - 180	0,036	0,007	0,	0,	0,	0%
180 - 150	0,036	0,014	0,	0,	0,	0%
150 - 120	0,036	0,014	0,	0,	0,	0%
120 - 90	0,057	0,029	0,007	0,	0,	0%
90 - 60	0,079	0,043	0,021	0,014	0,	0%
60 - 30	0,121	0,050	0,029	0,021	0,	0%
30 - 0	0,236	0,107	0,071	0,036	0,	0%

TABLE I 100

PROBABILITY OF SHIELDING
TARGET POSITION 8
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	8
300 - 270	0,100	0,081	0,044	0,012	0,	0%
270 - 240	0,106	0,087	0,050	0,012	0,	0%
240 - 210	0,137	0,100	0,056	0,031	0,	0%
210 - 180	0,150	0,112	0,063	0,031	0,	0%
180 - 150	0,187	0,131	0,069	0,044	0,	0%
150 - 120	0,187	0,131	0,069	0,044	0,	0%
120 - 90	0,231	0,150	0,094	0,056	0,	0%
90 - 60	0,244	0,206	0,100	0,063	0,	0%
60 - 30	0,294	0,238	0,125	0,088	0,	0%
30 - 0	0,331	0,269	0,200	0,113	0,	0%

site 3
A-E

TABLE X

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.	0.	0.	0.	0.	0.
90 - 60	0.	0.	0.	0.	0.	0.
60 - 30	0.	0.	0.	0.	0.	0.
30 - 0	0.150	0.	0.	0.	0.	0.

SITE NO 3

site 3
A-E 2

101

TABLE I

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.025	0.	0.	0.	0.	0.
180 - 150	0.025	0.	0.	0.	0.	0.
150 - 120	0.025	0.	0.	0.	0.	0.
120 - 90	0.075	0.	0.	0.	0.	0.
90 - 60	0.075	0.	0.	0.	0.	0.
60 - 30	0.150	0.	0.	0.	0.	0.
30 - 0	0.350	0.125	0.025	0.	0.	0.

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TABLE A

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.133	0.133	0.100	0.067	0.	0.
270 - 240	0.133	0.133	0.100	0.067	0.	0.
240 - 210	0.217	0.167	0.100	0.100	0.	0.
210 - 180	0.217	0.200	0.100	0.100	0.	0.
180 - 150	0.233	0.217	0.100	0.100	0.	0.
150 - 120	0.233	0.217	0.100	0.100	0.	0.
120 - 90	0.250	0.217	0.133	0.100	0.	0.
90 - 60	0.283	0.217	0.183	0.100	0.	0.
60 - 30	0.283	0.217	0.183	0.133	0.	0.
30 - 0	0.400	0.333	0.200	0.183	0.	0.

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TABLE #

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.175	0.150	0.112	0.100	0.	0.
270 - 240	0.175	0.150	0.137	0.100	0.	0.
240 - 210	0.200	0.150	0.137	0.112	0.	0.
210 - 180	0.200	0.162	0.137	0.112	0.	0.
180 - 150	0.238	0.175	0.137	0.112	0.	0.
150 - 120	0.238	0.175	0.137	0.112	0.	0.
120 - 90	0.250	0.187	0.137	0.125	0.	0.
90 - 60	0.313	0.225	0.137	0.125	0.	0.
60 - 30	0.400	0.300	0.150	0.125	0.	0.
30 - 0	0.513	0.412	0.187	0.125	0.	0.

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A-E

TABLE A

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.140	0.100	0.050	0.040	0.	0.
270 - 240	0.160	0.110	0.050	0.040	0.	0.
240 - 210	0.180	0.130	0.050	0.050	0.	0.
210 - 180	0.200	0.140	0.060	0.050	0.	0.
180 - 150	0.240	0.160	0.080	0.050	0.	0.
150 - 120	0.240	0.160	0.080	0.050	0.	0.
120 - 90	0.310	0.170	0.090	0.050	0.	0.
90 - 60	0.370	0.280	0.090	0.060	0.	0.
60 - 30	0.410	0.350	0.160	0.070	0.	0.
30 - 0	0.550	0.460	0.310	0.080	0.	0.

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A-E

TABLE X

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.100	0.083	0.058	0.042	0.	0.
270 - 240	0.100	0.083	0.058	0.042	0.	0.
240 - 210	0.142	0.092	0.058	0.042	0.	0.
210 - 180	0.150	0.108	0.058	0.050	0.	0.
180 - 150	0.175	0.133	0.058	0.050	0.	0.
150 - 120	0.175	0.133	0.058	0.050	0.	0.
120 - 90	0.208	0.133	0.075	0.050	0.	0.
90 - 60	0.275	0.175	0.092	0.050	0.	0.
60 - 30	0.433	0.283	0.092	0.058	0.	0.
30 - 0	0.517	0.450	0.217	0.075	0.	0.

Site 3
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TABLE K

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.086	0.064	0.050	0.029	0.	0.
270 - 240	0.100	0.064	0.050	0.029	0.	0.
240 - 210	0.114	0.079	0.057	0.036	0.	0.
210 - 180	0.129	0.093	0.057	0.043	0.	0.
180 - 150	0.143	0.107	0.057	0.043	0.	0.
150 - 120	0.143	0.107	0.057	0.043	0.	0.
120 - 90	0.164	0.114	0.064	0.043	0.	0.
90 - 60	0.214	0.143	0.071	0.050	0.	0.
60 - 30	0.286	0.200	0.100	0.050	0.	0.
30 - 0	0.550	0.400	0.164	0.057	0.	0.

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A-E

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TABLE A

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.069	0.050	0.038	0.025	0.	0.
270 - 240	0.075	0.050	0.044	0.025	0.	0.
240 - 210	0.087	0.069	0.044	0.025	0.	0.
210 - 180	0.106	0.075	0.050	0.031	0.	0.
180 - 150	0.112	0.087	0.050	0.038	0.	0.
150 - 120	0.112	0.087	0.050	0.038	0.	0.
120 - 90	0.137	0.094	0.056	0.038	0.	0.
90 - 60	0.156	0.119	0.069	0.044	0.	0.
60 - 30	0.238	0.162	0.088	0.044	0.	0.
30 - 0	0.438	0.300	0.150	0.063	0.	0.

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TABLE X

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.	0.	0.	0.	0.	0.
90 - 60	0.	0.	0.	0.	0.	0.
60 - 30	0.	0.	0.	0.	0.	0.
30 - 0	0.200	0.	0.	0.	0.	0.

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TABLE 102 (CL, NL 0)

TABLE X

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.025	0.	0.	0.	0.	0.
180 - 150	0.025	0.	0.	0.	0.	0.
150 - 120	0.025	0.	0.	0.	0.	0.
120 - 90	0.075	0.	0.	0.	0.	0.
90 - 60	0.075	0.	0.	0.	0.	0.
60 - 30	0.175	0.025	0.	0.	0.	0.
30 - 0	0.425	0.225	0.	0.	0.	0.

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TABLE X

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.133	0.133	0.100	0.067	0.	0.
270 - 240	0.133	0.133	0.100	0.067	0.	0.
240 - 210	0.217	0.167	0.100	0.100	0.	0.
210 - 180	0.217	0.217	0.100	0.100	0.	0.
180 - 150	0.233	0.217	0.133	0.100	0.	0.
150 - 120	0.233	0.217	0.133	0.100	0.	0.
120 - 90	0.267	0.217	0.133	0.100	0.	0.
90 - 60	0.283	0.217	0.183	0.100	0.	0.
60 - 30	0.317	0.250	0.183	0.133	0.	0.
30 - 0	0.490	0.367	0.217	0.183	0.	0.

TABLE IV

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.175	0.150	0.100	0.100	0.	0.
270 - 240	0.175	0.150	0.137	0.100	0.	0.
240 - 210	0.200	0.150	0.137	0.100	0.	0.
210 - 180	0.200	0.162	0.137	0.100	0.	0.
180 - 150	0.250	0.188	0.137	0.100	0.	0.
150 - 120	0.250	0.188	0.137	0.100	0.	0.
120 - 90	0.250	0.200	0.150	0.125	0.	0.
90 - 60	0.325	0.225	0.150	0.125	0.	0.
60 - 30	0.438	0.300	0.150	0.125	0.	0.
30 - 0	0.587	0.450	0.250	0.125	0.	0.

TABLE X

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.150	0.090	0.050	0.040	0.	0.
270 - 240	0.170	0.120	0.050	0.040	0.	0.
240 - 210	0.170	0.140	0.050	0.050	0.	0.
210 - 180	0.240	0.140	0.060	0.050	0.	0.
180 - 150	0.290	0.160	0.100	0.050	0.	0.
150 - 120	0.290	0.160	0.100	0.050	0.	0.
120 - 90	0.360	0.180	0.100	0.050	0.	0.
90 - 60	0.360	0.330	0.110	0.060	0.	0.
60 - 30	0.460	0.370	0.160	0.070	0.	0.
30 - 0	0.600	0.500	0.320	0.080	0.	0.

TABLE IV

PROBABILITY OF SHIELDING
TARGET POSITION 8
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.092	0.075	0.042	0.042	0.	0.
270 - 240	0.100	0.083	0.058	0.042	0.	0.
240 - 210	0.133	0.092	0.075	0.042	0.	0.
210 - 180	0.167	0.100	0.075	0.042	0.	0.
180 - 150	0.175	0.108	0.083	0.050	0.	0.
150 - 120	0.175	0.108	0.083	0.050	0.	0.
120 - 90	0.200	0.142	0.083	0.050	0.	0.
90 - 60	0.275	0.167	0.092	0.050	0.	0.
60 - 30	0.442	0.250	0.100	0.058	0.	0.
30 - 0	0.600	0.458	0.242	0.083	0.	0.

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TABLE 8

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.093	0.064	0.043	0.029	0.	0.
270 - 240	0.100	0.064	0.050	0.029	0.	0.
240 - 210	0.107	0.093	0.057	0.036	0.	0.
210 - 180	0.136	0.093	0.057	0.036	0.	0.
180 - 150	0.143	0.100	0.057	0.043	0.	0.
150 - 120	0.143	0.100	0.057	0.043	0.	0.
120 - 90	0.157	0.121	0.071	0.043	0.	0.
90 - 60	0.214	0.143	0.079	0.043	0.	0.
60 - 30	0.314	0.200	0.107	0.050	0.	0.
30 - 0	0.550	0.464	0.186	0.057	0.	0.

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TABLE X

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.075	0.044	0.038	0.031	0.	0.
270 - 240	0.075	0.050	0.038	0.031	0.	0.
240 - 210	0.088	0.056	0.038	0.031	0.	0.
210 - 180	0.094	0.075	0.038	0.031	0.	0.
180 - 150	0.125	0.081	0.044	0.031	0.	0.
150 - 120	0.125	0.081	0.044	0.031	0.	0.
120 - 90	0.144	0.094	0.050	0.038	0.	0.
90 - 60	0.194	0.119	0.063	0.038	0.	0.
60 - 30	0.294	0.200	0.075	0.044	0.	0.
30 - 0	0.606	0.375	0.175	0.063	0.	0.

TABLE A

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.	0.	0.	0.	0.	0.
90 - 60	0.	0.	0.	0.	0.	0.
60 - 30	0.	0.	0.	0.	0.	0.
30 - 0	0.150	0.	0.	0.	0.	0.

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TABLE 103 (CONT'D)

TABLE I

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.025	0.	0.	0.	0.	0.
180 - 150	0.050	0.	0.	0.	0.	0.
150 - 120	0.050	0.	0.	0.	0.	0.
120 - 90	0.075	0.	0.	0.	0.	0.
90 - 60	0.075	0.	0.	0.	0.	0.
60 - 30	0.150	0.	0.	0.	0.	0.
30 - 0	0.325	0.125	0.025	0.	0.	0.

TABLE X

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.133	0.133	0.100	0.067	0.	0.
270 - 240	0.133	0.133	0.100	0.083	0.	0.
240 - 210	0.217	0.167	0.100	0.100	0.	0.
210 - 180	0.217	0.200	0.100	0.100	0.	0.
180 - 150	0.250	0.217	0.100	0.100	0.	0.
150 - 120	0.250	0.217	0.100	0.100	0.	0.
120 - 90	0.250	0.217	0.133	0.100	0.	0.
90 - 60	0.283	0.217	0.183	0.100	0.	0.
60 - 30	0.283	0.233	0.183	0.133	0.	0.
30 - 0	0.400	0.317	0.200	0.183	0.	0.

TABLE X

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.175	0.150	0.112	0.100	0.	0.
270 - 240	0.175	0.150	0.125	0.100	0.	0.
240 - 210	0.200	0.162	0.150	0.100	0.	0.
210 - 180	0.200	0.162	0.150	0.100	0.	0.
180 - 150	0.263	0.188	0.150	0.100	0.	0.
150 - 120	0.263	0.188	0.150	0.100	0.	0.
120 - 90	0.263	0.200	0.150	0.125	0.	0.
90 - 60	0.313	0.225	0.150	0.125	0.	0.
60 - 30	0.413	0.300	0.150	0.125	0.	0.
30 - 0	0.550	0.413	0.225	0.125	0.	0.

TABLE X

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.150	0.100	0.040	0.040	0.	0.
270 - 240	0.180	0.110	0.040	0.040	0.	0.
240 - 210	0.190	0.160	0.060	0.040	0.	0.
210 - 180	0.210	0.170	0.080	0.040	0.	0.
180 - 150	0.260	0.190	0.090	0.040	0.	0.
150 - 120	0.260	0.190	0.090	0.040	0.	0.
120 - 90	0.330	0.190	0.100	0.050	0.	0.
90 - 60	0.360	0.310	0.120	0.060	0.	0.
60 - 30	0.420	0.350	0.170	0.070	0.	0.
30 - 0	0.580	0.440	0.320	0.080	0.	0.

Sheet 4

TABLE X

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.108	0.092	0.050	0.042	0.	0.
270 - 240	0.108	0.092	0.067	0.042	0.	0.
240 - 210	0.142	0.100	0.083	0.042	0.	0.
210 - 180	0.158	0.108	0.083	0.042	0.	0.
180 - 150	0.175	0.133	0.083	0.050	0.	0.
150 - 120	0.175	0.133	0.083	0.050	0.	0.
120 - 90	0.200	0.142	0.083	0.050	0.	0.
90 - 60	0.267	0.167	0.092	0.067	0.	0.
60 - 30	0.442	0.258	0.117	0.067	0.	0.
30 - 0	0.933	0.425	0.200	0.092	0.	0.

Sheet 9

TABLE V

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.071	0.057	0.050	0.036	0.	0.
270 - 240	0.071	0.057	0.050	0.036	0.	0.
240 - 210	0.100	0.057	0.050	0.043	0.	0.
210 - 180	0.114	0.064	0.050	0.043	0.	0.
180 - 150	0.150	0.086	0.050	0.043	0.	0.
150 - 120	0.150	0.086	0.050	0.043	0.	0.
120 - 90	0.164	0.086	0.050	0.050	0.	0.
90 - 60	0.236	0.136	0.057	0.050	0.	0.
60 - 30	0.329	0.186	0.064	0.050	0.	0.
30 - 0	0.600	0.421	0.164	0.057	0.	0.

TABLE A

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	90	75	0	0
300 - 270	0.075	0.056	0.038	0.031	0.	0.
270 - 240	0.075	0.069	0.038	0.031	0.	0.
240 - 210	0.081	0.069	0.050	0.031	0.	0.
210 - 180	0.094	0.069	0.050	0.031	0.	0.
180 - 150	0.119	0.081	0.056	0.038	0.	0.
150 - 120	0.119	0.081	0.056	0.038	0.	0.
120 - 90	0.138	0.081	0.063	0.044	0.	0.
90 - 60	0.200	0.112	0.069	0.044	0.	0.
60 - 30	0.313	0.175	0.087	0.044	0.	0.
30 - 0	0.550	0.363	0.119	0.050	0.	0.

10K

TABLE A

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.	0.	0.	0.	0.	0.
90 - 60	0.	0.	0.	0.	0.	0.
60 - 30	0.	0.	0.	0.	0.	0.
30 - 0	0.250	0.	0.	0.	0.	0.

SITE NO. 3

TABLE 10A (Ch. 1 of 2)

TABLE A

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.025	0.	0.	0.	0.	0.
180 - 150	0.075	0.	0.	0.	0.	0.
150 - 120	0.075	0.	0.	0.	0.	0.
120 - 90	0.075	0.	0.	0.	0.	0.
90 - 60	0.075	0.	0.	0.	0.	0.
60 - 30	0.200	0.025	0.	0.	0.	0.
30 - 0	0.450	0.225	0.050	0.	0.	0.

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TABLE I

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.133	0.133	0.100	0.083	0.	0.
270 - 240	0.150	0.133	0.100	0.083	0.	0.
240 - 210	0.217	0.167	0.100	0.100	0.	0.
210 - 180	0.217	0.217	0.100	0.100	0.	0.
180 - 150	0.250	0.217	0.133	0.100	0.	0.
150 - 120	0.250	0.217	0.133	0.100	0.	0.
120 - 90	0.283	0.217	0.167	0.100	0.	0.
90 - 60	0.283	0.217	0.183	0.133	0.	0.
60 - 30	0.333	0.267	0.200	0.133	0.	0.
30 - 0	0.450	0.383	0.250	0.183	0.	0.

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TABLE X

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.175	0.150	0.112	0.100	0.	0.
270 - 240	0.175	0.150	0.137	0.100	0.	0.
240 - 210	0.188	0.162	0.150	0.100	0.	0.
210 - 180	0.213	0.162	0.150	0.100	0.	0.
180 - 150	0.238	0.175	0.150	0.100	0.	0.
150 - 120	0.238	0.175	0.150	0.100	0.	0.
120 - 90	0.250	0.200	0.150	0.112	0.	0.
90 - 60	0.313	0.262	0.150	0.125	0.	0.
60 - 30	0.425	0.287	0.150	0.125	0.	0.
30 - 0	0.600	0.425	0.262	0.125	0.	0.

TABLE IV

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.150	0.120	0.040	0.040	0.	0.
270 - 240	0.170	0.130	0.060	0.040	0.	0.
240 - 210	0.190	0.170	0.070	0.050	0.	0.
210 - 180	0.240	0.170	0.070	0.050	0.	0.
180 - 150	0.290	0.180	0.100	0.050	0.	0.
150 - 120	0.290	0.180	0.100	0.050	0.	0.
120 - 90	0.340	0.220	0.110	0.050	0.	0.
90 - 60	0.350	0.330	0.120	0.050	0.	0.
60 - 30	0.420	0.350	0.180	0.060	0.	0.
30 - 0	0.580	0.470	0.320	0.070	0.	0.

TABLE 4

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.083	0.067	0.050	0.050	0.	0.
270 - 240	0.100	0.075	0.058	0.050	0.	0.
240 - 210	0.142	0.092	0.067	0.050	0.	0.
210 - 180	0.167	0.108	0.075	0.050	0.	0.
180 - 150	0.192	0.125	0.075	0.050	0.	0.
150 - 120	0.192	0.125	0.075	0.050	0.	0.
120 - 90	0.242	0.150	0.075	0.050	0.	0.
90 - 60	0.292	0.175	0.092	0.058	0.	0.
60 - 30	0.483	0.258	0.100	0.067	0.	0.
30 - 0	0.650	0.467	0.233	0.075	0.	0.

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TABLE I

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.086	0.064	0.057	0.036	0.	0.
270 - 240	0.100	0.064	0.057	0.036	0.	0.
240 - 210	0.114	0.071	0.057	0.043	0.	0.
210 - 180	0.121	0.079	0.064	0.043	0.	0.
180 - 150	0.157	0.086	0.064	0.043	0.	0.
150 - 120	0.157	0.086	0.064	0.043	0.	0.
120 - 90	0.186	0.100	0.064	0.050	0.	0.
90 - 60	0.257	0.150	0.071	0.064	0.	0.
60 - 30	0.400	0.229	0.093	0.064	0.	0.
30 - 0	0.636	0.350	0.157	0.071	0.	0.

TABLE

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.088	0.063	0.044	0.031	0.	0.
270 - 240	0.088	0.075	0.044	0.031	0.	0.
240 - 210	0.094	0.081	0.056	0.031	0.	0.
210 - 180	0.106	0.087	0.056	0.038	0.	0.
180 - 150	0.138	0.087	0.069	0.044	0.	0.
150 - 120	0.138	0.087	0.069	0.044	0.	0.
120 - 90	0.175	0.119	0.081	0.050	0.	0.
90 - 60	0.238	0.156	0.081	0.050	0.	0.
60 - 30	0.319	0.225	0.131	0.063	0.	0.
30 - 0	0.625	0.413	0.206	0.094	0.	0.

TABLE A

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.	0.	0.	0.	0.	0.
90 - 60	0.	0.	0.	0.	0.	0.
60 - 30	0.	0.	0.	0.	0.	0.
30 - 0	0.100	0.	0.	0.	0.	0.

SITE NO 3.
TABLE 105 (SHIELD)

TABLE I

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.025	0.	0.	0.	0.	0.
180 - 150	0.075	0.	0.	0.	0.	0.
150 - 120	0.075	0.	0.	0.	0.	0.
120 - 90	0.075	0.	0.	0.	0.	0.
90 - 60	0.100	0.	0.	0.	0.	0.
60 - 30	0.175	0.025	0.	0.	0.	0.
30 - 0	0.325	0.125	0.025	0.	0.	0.

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TABLE V

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.133	0.133	0.100	0.083	0.	0.
270 - 240	0.167	0.133	0.100	0.100	0.	0.
240 - 210	0.217	0.167	0.100	0.100	0.	0.
210 - 180	0.217	0.217	0.100	0.100	0.	0.
180 - 150	0.250	0.217	0.133	0.100	0.	0.
150 - 120	0.250	0.217	0.133	0.100	0.	0.
120 - 90	0.250	0.217	0.167	0.100	0.	0.
90 - 60	0.283	0.217	0.183	0.133	0.	0.
60 - 30	0.300	0.233	0.200	0.150	0.	0.
30 - 0	0.400	0.300	0.200	0.183	0.	0.

TABLE X

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.175	0.150	0.112	0.100	0.	0.
270 - 240	0.175	0.162	0.125	0.100	0.	0.
240 - 210	0.200	0.162	0.137	0.100	0.	0.
210 - 180	0.213	0.175	0.150	0.100	0.	0.
180 - 150	0.238	0.187	0.150	0.100	0.	0.
150 - 120	0.238	0.187	0.150	0.100	0.	0.
120 - 90	0.250	0.200	0.150	0.112	0.	0.
90 - 60	0.288	0.237	0.162	0.112	0.	0.
60 - 30	0.388	0.287	0.162	0.125	0.	0.
30 - 0	0.500	0.362	0.225	0.150	0.	0.

TABLE X

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.150	0.120	0.050	0.040	0.	0.
270 - 240	0.180	0.130	0.060	0.040	0.	0.
240 - 210	0.220	0.150	0.070	0.040	0.	0.
210 - 180	0.230	0.170	0.070	0.050	0.	0.
180 - 150	0.290	0.200	0.100	0.050	0.	0.
150 - 120	0.290	0.200	0.100	0.050	0.	0.
120 - 90	0.320	0.220	0.110	0.050	0.	0.
90 - 60	0.370	0.320	0.120	0.050	0.	0.
60 - 30	0.450	0.390	0.170	0.070	0.	0.
30 - 0	0.620	0.440	0.320	0.080	0.	0.

TABLE K

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.108	0.100	0.050	0.033	0.	0.
270 - 240	0.117	0.100	0.050	0.033	0.	0.
240 - 210	0.133	0.108	0.075	0.050	0.	0.
210 - 180	0.167	0.108	0.075	0.058	0.	0.
180 - 150	0.192	0.125	0.075	0.058	0.	0.
150 - 120	0.192	0.125	0.075	0.058	0.	0.
120 - 90	0.217	0.142	0.075	0.058	0.	0.
90 - 60	0.292	0.192	0.108	0.067	0.	0.
60 - 30	0.483	0.283	0.125	0.075	0.	0.
30 - 0	0.608	0.500	0.200	0.083	0.	0.

TABLE X

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.100	0.071	0.050	0.036	0.	0.
270 - 240	0.114	0.086	0.057	0.036	0.	0.
240 - 210	0.143	0.093	0.057	0.036	0.	0.
210 - 180	0.143	0.107	0.071	0.036	0.	0.
180 - 150	0.171	0.121	0.079	0.043	0.	0.
150 - 120	0.171	0.121	0.079	0.043	0.	0.
120 - 90	0.193	0.129	0.079	0.050	0.	0.
90 - 60	0.257	0.171	0.100	0.071	0.	0.
60 - 30	0.357	0.250	0.121	0.086	0.	0.
30 - 0	0.621	0.464	0.214	0.100	0.	0.

TABLE X

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.081	0.063	0.044	0.031	0.	0.
270 - 240	0.087	0.069	0.044	0.031	0.	0.
240 - 210	0.094	0.081	0.050	0.031	0.	0.
210 - 180	0.112	0.087	0.056	0.038	0.	0.
180 - 150	0.137	0.100	0.056	0.044	0.	0.
150 - 120	0.137	0.100	0.056	0.044	0.	0.
120 - 90	0.175	0.137	0.088	0.050	0.	0.
90 - 60	0.212	0.175	0.106	0.056	0.	0.
60 - 30	0.331	0.250	0.162	0.075	0.	0.
30 - 0	0.479	0.363	0.225	0.131	0.	0.

TABLE 106

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.050	0.	0.	0.	0.	0.
210 - 180	0.050	0.050	0.	0.	0.	0.
180 - 150	0.250	0.050	0.050	0.	0.	0.
150 - 120	0.250	0.050	0.050	0.	0.	0.
120 - 90	0.400	0.250	0.050	0.050	0.	0.
90 - 60	0.450	0.250	0.250	0.050	0.	0.
60 - 30	0.450	0.450	0.250	0.200	0.	0.
30 - 0	0.450	0.450	0.400	0.250	0.	0.

SITE NO 4

TABLE 4 106

site 4
A-E

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.050	0.	0.	0.	0.	0.
210 - 180	0.225	0.	0.	0.	0.	0.
180 - 150	0.375	0.275	0.	0.	0.	0.
150 - 120	0.375	0.275	0.	0.	0.	0.
120 - 90	0.750	0.700	0.350	0.100	0.	0.
90 - 60	0.750	0.750	0.700	0.625	0.	0.
60 - 30	0.750	0.750	0.725	0.650	0.	0.
30 - 0	0.775	0.750	0.750	0.725	0.	0.

TABLE 10c

site 4
A-E

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.017	0.	0.	0.	0.	0.
210 - 180	0.083	0.017	0.	0.	0.	0.
180 - 150	0.217	0.133	0.017	0.	0.	0.
150 - 120	0.217	0.133	0.017	0.	0.	0.
120 - 90	0.283	0.233	0.117	0.050	0.	0.
90 - 60	0.400	0.400	0.317	0.200	0.	0.
60 - 30	0.717	0.667	0.567	0.433	0.	0.
30 - 0	0.850	0.833	0.833	0.833	0.	0.

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TABLE 4

site 4
A-E

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.050	0.	0.	0.	0.	0.
210 - 180	0.075	0.	0.	0.	0.	0.
180 - 150	0.163	0.112	0.	0.	0.	0.
150 - 120	0.163	0.112	0.	0.	0.	0.
120 - 90	0.225	0.188	0.100	0.025	0.	0.
90 - 60	0.338	0.250	0.213	0.125	0.	0.
60 - 30	0.463	0.413	0.350	0.275	0.	0.
30 - 0	0.725	0.675	0.663	0.638	0.	0.

TABLE 106

site 4
A-E

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PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.180	0.170	0.130	0.040	0.	0.
270 - 240	0.190	0.170	0.140	0.090	0.	0.
240 - 210	0.220	0.180	0.150	0.120	0.	0.
210 - 180	0.290	0.210	0.150	0.120	0.	0.
180 - 150	0.330	0.280	0.190	0.130	0.	0.
150 - 120	0.330	0.280	0.190	0.130	0.	0.
120 - 90	0.370	0.340	0.250	0.210	0.	0.
90 - 60	0.410	0.400	0.360	0.280	0.	0.
60 - 30	0.480	0.470	0.410	0.370	0.	0.
30 - 0	0.610	0.610	0.600	0.590	0.	0.

TABLE 106

site 4
A-E

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.267	0.225	0.158	0.117	0.	0.
270 - 240	0.283	0.258	0.183	0.142	0.	0.
240 - 210	0.317	0.267	0.250	0.192	0.	0.
210 - 180	0.342	0.308	0.250	0.233	0.	0.
180 - 150	0.367	0.350	0.275	0.233	0.	0.
150 - 120	0.367	0.350	0.275	0.233	0.	0.
120 - 90	0.400	0.383	0.342	0.283	0.	0.
90 - 60	0.442	0.425	0.400	0.342	0.	0.
60 - 30	0.508	0.475	0.442	0.417	0.	0.
30 - 0	0.583	0.583	0.567	0.558	0.	0.

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site 4
A-E

TABLE 10

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.171	0.164	0.121	0.100	0.	0.
270 - 240	0.186	0.164	0.129	0.114	0.	0.
240 - 210	0.229	0.193	0.150	0.136	0.	0.
210 - 180	0.271	0.214	0.171	0.143	0.	0.
180 - 150	0.300	0.279	0.207	0.157	0.	0.
150 - 120	0.300	0.279	0.207	0.157	0.	0.
120 - 90	0.336	0.321	0.286	0.221	0.	0.
90 - 60	0.393	0.371	0.336	0.279	0.	0.
60 - 30	0.507	0.493	0.457	0.393	0.	0.
30 - 0	0.571	0.564	0.557	0.543	0.	0.

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Site 4
A-E

TABLE 106

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM 10	25	50	75	0	0
300 - 270	0.150	0.125	0.100	0.075	0.	0.
270 - 240	0.169	0.137	0.106	0.088	0.	0.
240 - 210	0.200	0.169	0.125	0.106	0.	0.
210 - 180	0.225	0.200	0.156	0.119	0.	0.
180 - 150	0.244	0.225	0.188	0.150	0.	0.
150 - 120	0.244	0.225	0.188	0.150	0.	0.
120 - 90	0.294	0.275	0.231	0.181	0.	0.
90 - 60	0.313	0.300	0.275	0.244	0.	0.
60 - 30	0.344	0.337	0.325	0.288	0.	0.
30 - 0	0.525	0.500	0.463	0.431	0.	0.

TABLE 107

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.050	0.	0.	0.	0.	0.
180 - 150	0.350	0.	0.	0.	0.	0.
150 - 120	0.350	0.	0.	0.	0.	0.
120 - 90	0.350	0.150	0.	0.	0.	0.
90 - 60	0.450	0.350	0.150	0.	0.	0.
60 - 30	0.450	0.400	0.250	0.150	0.	0.
30 - 0	0.450	0.450	0.350	0.250	0.	0.

SITE NO.4

TABLE 107

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.300	0.075	0.	0.	0.	0.
180 - 150	0.400	0.375	0.100	0.	0.	0.
150 - 120	0.400	0.375	0.100	0.	0.	0.
120 - 90	0.650	0.625	0.325	0.275	0.	0.
90 - 60	0.750	0.750	0.750	0.575	0.	0.
60 - 30	0.800	0.750	0.750	0.725	0.	0.
30 - 0	0.850	0.750	0.750	0.750	0.	0.

TABLE 107

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.017	0.	0.	0.	0.	0.
210 - 180	0.167	0.033	0.	0.	0.	0.
180 - 150	0.250	0.150	0.100	0.	0.	0.
150 - 120	0.250	0.150	0.100	0.	0.	0.
120 - 90	0.317	0.267	0.200	0.150	0.	0.
90 - 60	0.417	0.400	0.367	0.283	0.	0.
60 - 30	0.683	0.667	0.650	0.483	0.	0.
30 - 0	0.833	0.833	0.833	0.833	0.	0.

TABLE 107

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.012	0.	0.	0.	0.	0.
270 - 240	0.012	0.	0.	0.	0.	0.
240 - 210	0.050	0.012	0.	0.	0.	0.
210 - 180	0.075	0.025	0.	0.	0.	0.
180 - 150	0.175	0.125	0.012	0.	0.	0.
150 - 120	0.175	0.125	0.012	0.	0.	0.
120 - 90	0.250	0.238	0.162	0.038	0.	0.
90 - 60	0.375	0.288	0.262	0.188	0.	0.
60 - 30	0.513	0.488	0.438	0.350	0.	0.
30 - 0	0.675	0.663	0.663	0.650	0.	0.

TABLE 107

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.200	0.180	0.130	0.040	0.	0.
270 - 240	0.200	0.180	0.140	0.070	0.	0.
240 - 210	0.250	0.200	0.160	0.110	0.	0.
210 - 180	0.290	0.250	0.160	0.130	0.	0.
180 - 150	0.340	0.300	0.220	0.140	0.	0.
150 - 120	0.340	0.300	0.220	0.140	0.	0.
120 - 90	0.400	0.370	0.330	0.210	0.	0.
90 - 60	0.470	0.430	0.400	0.360	0.	0.
60 - 30	0.510	0.490	0.470	0.430	0.	0.
30 - 0	0.640	0.630	0.610	0.610	0.	0.

TABLE 107

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.267	0.217	0.167	0.133	0.	0.
270 - 240	0.275	0.258	0.183	0.142	0.	0.
240 - 210	0.300	0.275	0.250	0.175	0.	0.
210 - 180	0.358	0.292	0.258	0.233	0.	0.
180 - 150	0.375	0.358	0.275	0.242	0.	0.
150 - 120	0.375	0.358	0.275	0.242	0.	0.
120 - 90	0.417	0.392	0.350	0.292	0.	0.
90 - 60	0.475	0.442	0.433	0.367	0.	0.
60 - 30	0.542	0.525	0.492	0.450	0.	0.
30 - 0	0.633	0.608	0.608	0.592	0.	0.

TABLE 107

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.171	0.150	0.121	0.107	0.	0.
270 - 240	0.200	0.157	0.129	0.114	0.	0.
240 - 210	0.229	0.200	0.164	0.136	0.	0.
210 - 180	0.257	0.236	0.179	0.143	0.	0.
180 - 150	0.286	0.279	0.221	0.171	0.	0.
150 - 120	0.286	0.279	0.221	0.171	0.	0.
120 - 90	0.329	0.314	0.271	0.221	0.	0.
90 - 60	0.400	0.364	0.329	0.286	0.	0.
60 - 30	0.507	0.500	0.486	0.471	0.	0.
30 - 0	0.607	0.607	0.600	0.586	0.	0.

TABLE 107

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.144	0.131	0.094	0.088	0.	0.
270 - 240	0.156	0.131	0.106	0.094	0.	0.
240 - 210	0.200	0.162	0.131	0.106	0.	0.
210 - 180	0.231	0.200	0.156	0.112	0.	0.
180 - 150	0.244	0.237	0.200	0.150	0.	0.
150 - 120	0.244	0.237	0.200	0.150	0.	0.
120 - 90	0.281	0.256	0.225	0.188	0.	0.
90 - 60	0.313	0.287	0.263	0.244	0.	0.
60 - 30	0.363	0.350	0.319	0.300	0.	0.
30 - 0	0.613	0.606	0.569	0.531	0.	0.

TABLE 108

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.050	0.	0.	0.	0.	0.
210 - 180	0.100	0.050	0.	0.	0.	0.
180 - 150	0.300	0.100	0.050	0.	0.	0.
150 - 120	0.350	0.100	0.050	0.	0.	0.
120 - 90	0.450	0.250	0.100	0.050	0.	0.
90 - 60	0.450	0.350	0.250	0.050	0.	0.
60 - 30	0.450	0.450	0.250	0.250	0.	0.
30 - 0	0.450	0.450	0.450	0.250	0.	0.

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TABLE 108

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.050	0.	0.	0.	0.	0.
210 - 180	0.250	0.	0.	0.	0.	0.
180 - 150	0.375	0.325	0.025	0.	0.	0.
150 - 120	0.375	0.325	0.025	0.	0.	0.
120 - 90	0.750	0.725	0.400	0.250	0.	0.
90 - 60	0.750	0.750	0.700	0.650	0.	0.
60 - 30	0.750	0.750	0.750	0.650	0.	0.
30 - 0	0.775	0.750	0.750	0.750	0.	0.

TABLE 108

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.050	0.	0.	0.	0.	0.
210 - 180	0.167	0.017	0.	0.	0.	0.
180 - 150	0.217	0.167	0.050	0.	0.	0.
150 - 120	0.217	0.167	0.050	0.	0.	0.
120 - 90	0.283	0.267	0.183	0.067	0.	0.
90 - 60	0.400	0.400	0.383	0.250	0.	0.
60 - 30	0.800	0.717	0.667	0.467	0.	0.
30 - 0	0.883	0.833	0.833	0.833	0.	0.

TABLE 178

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.012	0.	0.	0.	0.	0.
270 - 240	0.012	0.	0.	0.	0.	0.
240 - 210	0.050	0.012	0.	0.	0.	0.
210 - 180	0.125	0.012	0.	0.	0.	0.
180 - 150	0.175	0.125	0.012	0.	0.	0.
150 - 120	0.175	0.125	0.012	0.	0.	0.
120 - 90	0.275	0.188	0.150	0.025	0.	0.
90 - 60	0.350	0.288	0.237	0.188	0.	0.
60 - 30	0.513	0.438	0.387	0.288	0.	0.
30 - 0	0.800	0.700	0.663	0.638	0.	0.

TABLE 108

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.200	0.170	0.150	0.100	0.	0.
270 - 240	0.200	0.170	0.150	0.110	0.	0.
240 - 210	0.250	0.200	0.160	0.140	0.	0.
210 - 180	0.300	0.210	0.170	0.140	0.	0.
180 - 150	0.330	0.290	0.200	0.140	0.	0.
150 - 120	0.330	0.290	0.200	0.140	0.	0.
120 - 90	0.380	0.340	0.300	0.220	0.	0.
90 - 60	0.440	0.390	0.350	0.310	0.	0.
60 - 30	0.510	0.460	0.450	0.400	0.	0.
30 - 0	0.660	0.640	0.620	0.600	0.	0.

TABLE 108

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.258	0.208	0.150	0.125	0.	0.
270 - 240	0.283	0.250	0.192	0.150	0.	0.
240 - 210	0.308	0.283	0.250	0.183	0.	0.
210 - 180	0.350	0.308	0.258	0.225	0.	0.
180 - 150	0.383	0.367	0.283	0.258	0.	0.
150 - 120	0.383	0.367	0.283	0.258	0.	0.
120 - 90	0.408	0.400	0.358	0.283	0.	0.
90 - 60	0.458	0.433	0.408	0.358	0.	0.
60 - 30	0.508	0.492	0.467	0.442	0.	0.
30 - 0	0.617	0.608	0.608	0.583	0.	0.

TABLE 108

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.164	0.143	0.121	0.107	0.	0.
270 - 240	0.171	0.150	0.121	0.114	0.	0.
240 - 210	0.221	0.193	0.143	0.129	0.	0.
210 - 180	0.257	0.221	0.179	0.136	0.	0.
180 - 150	0.307	0.279	0.200	0.171	0.	0.
150 - 120	0.307	0.279	0.200	0.171	0.	0.
120 - 90	0.343	0.329	0.279	0.207	0.	0.
90 - 60	0.407	0.371	0.343	0.286	0.	0.
60 - 30	0.514	0.500	0.479	0.393	0.	0.
30 - 0	0.607	0.586	0.586	0.571	0.	0.

TABLE 108

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.131	0.119	0.088	0.075	0.	0.
270 - 240	0.150	0.125	0.100	0.088	0.	0.
240 - 210	0.194	0.156	0.125	0.100	0.	0.
210 - 180	0.213	0.188	0.156	0.113	0.	0.
180 - 150	0.238	0.225	0.181	0.144	0.	0.
150 - 120	0.238	0.225	0.161	0.144	0.	0.
120 - 90	0.281	0.262	0.213	0.181	0.	0.
90 - 60	0.300	0.294	0.275	0.238	0.	0.
60 - 30	0.344	0.337	0.313	0.281	0.	0.
30 - 0	0.575	0.550	0.500	0.475	0.	0.

TABLE 109

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.050	0.	0.	0.	0.	0.
180 - 150	0.300	0.100	0.	0.	0.	0.
150 - 120	0.300	0.100	0.	0.	0.	0.
120 - 90	0.400	0.250	0.050	0.	0.	0.
90 - 60	0.450	0.300	0.250	0.050	0.	0.
60 - 30	0.450	0.400	0.250	0.150	0.	0.
30 - 0	0.450	0.450	0.400	0.250	0.	0.

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TABLE 109

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.025	0.	0.	0.	0.	0.
270 - 240	0.025	0.	0.	0.	0.	0.
240 - 210	0.150	0.	0.	0.	0.	0.
210 - 180	0.350	0.175	0.025	0.	0.	0.
180 - 150	0.425	0.400	0.175	0.075	0.	0.
150 - 120	0.425	0.400	0.175	0.075	0.	0.
120 - 90	0.750	0.725	0.450	0.275	0.	0.
90 - 60	0.750	0.750	0.750	0.650	0.	0.
60 - 30	0.775	0.750	0.750	0.700	0.	0.
30 - 0	0.825	0.750	0.750	0.750	0.	0.

TABLE 4 109

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.017	0.	0.	0.	0.	0.
240 - 210	0.100	0.017	0.	0.	0.	0.
210 - 180	0.183	0.117	0.017	0.	0.	0.
180 - 150	0.267	0.200	0.133	0.033	0.	0.
150 - 120	0.267	0.200	0.133	0.033	0.	0.
120 - 90	0.350	0.317	0.233	0.167	0.	0.
90 - 60	0.450	0.417	0.383	0.300	0.	0.
60 - 30	0.833	0.783	0.583	0.467	0.	0.
30 - 0	0.850	0.833	0.833	0.833	0.	0.

TABLE 4 109

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.050	0.	0.	0.	0.	0.
270 - 240	0.050	0.	0.	0.	0.	0.
240 - 210	0.112	0.012	0.	0.	0.	0.
210 - 180	0.175	0.050	0.	0.	0.	0.
180 - 150	0.263	0.138	0.050	0.	0.	0.
150 - 120	0.263	0.138	0.050	0.	0.	0.
120 - 90	0.313	0.263	0.175	0.100	0.	0.
90 - 60	0.375	0.325	0.263	0.213	0.	0.
60 - 30	0.500	0.463	0.375	0.338	0.	0.
30 - 0	0.913	0.875	0.738	0.675	0.	0.

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TABLE 109

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.190	0.180	0.150	0.120	0.	0.
270 - 240	0.210	0.180	0.150	0.120	0.	0.
240 - 210	0.270	0.200	0.160	0.140	0.	0.
210 - 180	0.310	0.260	0.180	0.140	0.	0.
180 - 150	0.340	0.310	0.230	0.170	0.	0.
150 - 120	0.340	0.310	0.230	0.170	0.	0.
120 - 90	0.410	0.370	0.340	0.230	0.	0.
90 - 60	0.460	0.440	0.400	0.360	0.	0.
60 - 30	0.530	0.510	0.460	0.450	0.	0.
30 - 0	0.670	0.670	0.670	0.630	0.	0.

TABLE 4 109

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.250	0.242	0.200	0.158	0.	0.
270 - 240	0.258	0.242	0.225	0.167	0.	0.
240 - 210	0.300	0.267	0.225	0.217	0.	0.
210 - 180	0.367	0.300	0.250	0.225	0.	0.
180 - 150	0.383	0.342	0.300	0.258	0.	0.
150 - 120	0.383	0.342	0.300	0.258	0.	0.
120 - 90	0.425	0.383	0.333	0.300	0.	0.
90 - 60	0.475	0.450	0.400	0.375	0.	0.
60 - 30	0.542	0.525	0.492	0.450	0.	0.
30 - 0	0.667	0.642	0.625	0.625	0.	0.

TABLE 4 109

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.179	0.150	0.121	0.086	0.	0.
270 - 240	0.193	0.164	0.129	0.107	0.	0.
240 - 210	0.257	0.207	0.157	0.143	0.	0.
210 - 180	0.300	0.250	0.186	0.157	0.	0.
180 - 150	0.321	0.314	0.236	0.179	0.	0.
150 - 120	0.321	0.314	0.236	0.179	0.	0.
120 - 90	0.364	0.336	0.307	0.257	0.	0.
90 - 60	0.436	0.393	0.357	0.300	0.	0.
60 - 30	0.514	0.493	0.464	0.371	0.	0.
30 - 0	0.636	0.629	0.607	0.593	0.	0.

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TABLE 109

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.125	0.112	0.088	0.056	0.	0.
270 - 240	0.131	0.125	0.094	0.075	0.	0.
240 - 210	0.169	0.150	0.119	0.094	0.	0.
210 - 180	0.206	0.181	0.125	0.106	0.	0.
180 - 150	0.250	0.219	0.169	0.131	0.	0.
150 - 120	0.250	0.219	0.169	0.131	0.	0.
120 - 90	0.288	0.269	0.219	0.175	0.	0.
90 - 60	0.313	0.294	0.263	0.238	0.	0.
60 - 30	0.356	0.337	0.319	0.281	0.	0.
30 - 0	0.619	0.575	0.525	0.506	0.	0.

TABLE 110

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.050	0.	0.	0.	0.	0.
270 - 240	0.050	0.	0.	0.	0.	0.
240 - 210	0.100	0.050	0.	0.	0.	0.
210 - 180	0.200	0.050	0.	0.	0.	0.
180 - 150	0.300	0.150	0.050	0.	0.	0.
150 - 120	0.300	0.150	0.050	0.	0.	0.
120 - 90	0.400	0.250	0.100	0.	0.	0.
90 - 60	0.450	0.300	0.250	0.050	0.	0.
60 - 30	0.450	0.400	0.250	0.150	0.	0.
30 - 0	0.450	0.450	0.350	0.250	0.	0.

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TABLE 110

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.025	0.	0.	0.	0.	0.
270 - 240	0.025	0.	0.	0.	0.	0.
240 - 210	0.150	0.	0.	0.	0.	0.
210 - 180	0.275	0.225	0.	0.	0.	0.
180 - 150	0.400	0.325	0.175	0.	0.	0.
150 - 120	0.400	0.325	0.175	0.	0.	0.
120 - 90	0.750	0.675	0.475	0.175	0.	0.
90 - 60	0.750	0.750	0.725	0.650	0.	0.
60 - 30	0.750	0.750	0.750	0.700	0.	0.
30 - 0	0.800	0.750	0.750	0.750	0.	0.

TABLE 110

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.067	0.017	0.	0.	0.	0.
210 - 180	0.183	0.083	0.033	0.	0.	0.
180 - 150	0.250	0.200	0.083	0.050	0.	0.
150 - 120	0.250	0.200	0.083	0.050	0.	0.
120 - 90	0.350	0.317	0.217	0.150	0.	0.
90 - 60	0.433	0.433	0.383	0.283	0.	0.
60 - 30	0.750	0.717	0.617	0.483	0.	0.
30 - 0	0.883	0.833	0.833	0.833	0.	0.

TABLE 110

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.012	0.	0.	0.	0.	0.
270 - 240	0.025	0.	0.	0.	0.	0.
240 - 210	0.100	0.	0.	0.	0.	0.
210 - 180	0.163	0.063	0.	0.	0.	0.
180 - 150	0.225	0.162	0.075	0.	0.	0.
150 - 120	0.225	0.162	0.075	0.	0.	0.
120 - 90	0.275	0.225	0.163	0.112	0.	0.
90 - 60	0.350	0.300	0.263	0.213	0.	0.
60 - 30	0.450	0.388	0.350	0.325	0.	0.
30 - 0	0.775	0.725	0.675	0.650	0.	0.

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TABLE 110

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.180	0.180	0.140	0.140	0.	0.
270 - 240	0.190	0.180	0.150	0.140	0.	0.
240 - 210	0.230	0.190	0.160	0.140	0.	0.
210 - 180	0.300	0.220	0.170	0.150	0.	0.
180 - 150	0.350	0.300	0.230	0.170	0.	0.
150 - 120	0.350	0.300	0.230	0.170	0.	0.
120 - 90	0.400	0.360	0.300	0.260	0.	0.
90 - 60	0.450	0.420	0.380	0.320	0.	0.
60 - 30	0.530	0.480	0.460	0.400	0.	0.
30 - 0	0.700	0.670	0.630	0.630	0.	0.

TABLE 110

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.250	0.233	0.217	0.200	0.	0.
270 - 240	0.250	0.233	0.217	0.208	0.	0.
240 - 210	0.317	0.258	0.233	0.217	0.	0.
210 - 180	0.342	0.325	0.250	0.217	0.	0.
180 - 150	0.350	0.350	0.283	0.225	0.	0.
150 - 120	0.350	0.350	0.283	0.225	0.	0.
120 - 90	0.408	0.392	0.350	0.283	0.	0.
90 - 60	0.450	0.433	0.400	0.358	0.	0.
60 - 30	0.508	0.492	0.467	0.433	0.	0.
30 - 0	0.642	0.633	0.625	0.600	0.	0.

TABLE 4

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.164	0.136	0.107	0.071	0.	0.
270 - 240	0.171	0.157	0.121	0.093	0.	0.
240 - 210	0.229	0.186	0.157	0.121	0.	0.
210 - 180	0.293	0.236	0.179	0.150	0.	0.
180 - 150	0.350	0.307	0.229	0.179	0.	0.
150 - 120	0.350	0.307	0.229	0.179	0.	0.
120 - 90	0.421	0.386	0.329	0.229	0.	0.
90 - 60	0.464	0.457	0.414	0.336	0.	0.
60 - 30	0.507	0.500	0.464	0.443	0.	0.
30 - 0	0.614	0.607	0.593	0.557	0.	0.

TABLE 110

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.125	0.119	0.081	0.019	0.	0.
270 - 240	0.137	0.125	0.106	0.038	0.	0.
240 - 210	0.181	0.137	0.119	0.094	0.	0.
210 - 180	0.213	0.188	0.131	0.106	0.	0.
180 - 150	0.250	0.219	0.169	0.125	0.	0.
150 - 120	0.250	0.219	0.169	0.125	0.	0.
120 - 90	0.288	0.250	0.219	0.162	0.	0.
90 - 60	0.313	0.294	0.275	0.231	0.	0.
60 - 30	0.363	0.344	0.319	0.300	0.	0.
30 - 0	0.606	0.569	0.512	0.488	0.	0.

site 05 E
A-E

TABLE III

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.019	0.012	0.	0.	0.	0.
270 - 240	0.025	0.012	0.012	0.	0.	0.
240 - 210	0.038	0.031	0.025	0.019	0.	0.
210 - 180	0.050	0.044	0.038	0.031	0.	0.
180 - 150	0.056	0.050	0.044	0.038	0.	0.
150 - 120	0.056	0.050	0.044	0.038	0.	0.
120 - 90	0.063	0.056	0.056	0.056	0.	0.
90 - 60	0.081	0.075	0.069	0.063	0.	0.
60 - 30	0.112	0.106	0.094	0.094	0.	0.
30 - 0	0.250	0.219	0.175	0.162	0.	0.

site # 5 ?
A-E

TABLE III

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.029	0.021	0.007	0.	0.	0.
270 - 240	0.029	0.029	0.014	0.	0.	0.
240 - 210	0.043	0.043	0.036	0.029	0.	0.
210 - 180	0.050	0.050	0.043	0.036	0.	0.
180 - 150	0.071	0.057	0.057	0.050	0.	0.
150 - 120	0.071	0.057	0.057	0.050	0.	0.
120 - 90	0.086	0.071	0.064	0.064	0.	0.
90 - 60	0.129	0.114	0.086	0.079	0.	0.
60 - 30	0.193	0.193	0.157	0.143	0.	0.
30 - 0	0.314	0.307	0.279	0.250	0.	0.

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A-E

TABLE 111

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.042	0.033	0.017	0.	0.	0.
270 - 240	0.050	0.033	0.025	0.017	0.	0.
240 - 210	0.075	0.075	0.050	0.033	0.	0.
210 - 180	0.083	0.083	0.067	0.042	0.	0.
180 - 150	0.108	0.100	0.075	0.075	0.	0.
150 - 120	0.108	0.100	0.075	0.075	0.	0.
120 - 90	0.133	0.125	0.117	0.100	0.	0.
90 - 60	0.183	0.167	0.150	0.133	0.	0.
60 - 30	0.258	0.233	0.208	0.183	0.	0.
30 - 0	0.417	0.392	0.350	0.333	0.	0.

site 5
A-E

TABLE III

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.050	0.030	0.020	0.010	0.	0.
270 - 240	0.080	0.050	0.030	0.030	0.	0.
240 - 210	0.100	0.090	0.080	0.040	0.	0.
210 - 180	0.110	0.110	0.090	0.070	0.	0.
180 - 150	0.140	0.130	0.120	0.100	0.	0.
150 - 120	0.140	0.130	0.120	0.100	0.	0.
120 - 90	0.170	0.140	0.130	0.130	0.	0.
90 - 60	0.210	0.190	0.180	0.160	0.	0.
60 - 30	0.320	0.290	0.240	0.210	0.	0.
30 - 0	0.520	0.480	0.450	0.390	0.	0.

site 5 4
A-E

TABLE III

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.063	0.050	0.025	0.	0.	0.
270 - 240	0.088	0.050	0.050	0.025	0.	0.
240 - 210	0.138	0.100	0.075	0.075	0.	0.
210 - 180	0.163	0.125	0.125	0.088	0.	0.
180 - 150	0.175	0.162	0.137	0.125	0.	0.
150 - 120	0.175	0.162	0.137	0.125	0.	0.
120 - 90	0.225	0.200	0.188	0.162	0.	0.
90 - 60	0.363	0.288	0.213	0.188	0.	0.
60 - 30	0.525	0.525	0.400	0.350	0.	0.
30 - 0	0.612	0.575	0.538	0.513	0.	0.

Site S
A-E

TABLE III

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.117	0.083	0.017	0.	0.	0.
270 - 240	0.133	0.133	0.067	0.017	0.	0.
240 - 210	0.183	0.183	0.167	0.117	0.	0.
210 - 180	0.233	0.200	0.200	0.150	0.	0.
180 - 150	0.367	0.283	0.217	0.217	0.	0.
150 - 120	0.367	0.283	0.217	0.217	0.	0.
120 - 90	0.417	0.400	0.383	0.333	0.	0.
90 - 60	0.500	0.433	0.383	0.383	0.	0.
60 - 30	0.583	0.550	0.467	0.417	0.	0.
30 - 0	0.683	0.650	0.633	0.550	0.	0.

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site 5
A-E

TABLE III

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.250	0.050	0.	0.	0.	0.
270 - 240	0.325	0.300	0.050	0.	0.	0.
240 - 210	0.350	0.325	0.275	0.250	0.	0.
210 - 180	0.375	0.325	0.300	0.275	0.	0.
180 - 150	0.375	0.325	0.325	0.275	0.	0.
150 - 120	0.375	0.325	0.325	0.275	0.	0.
120 - 90	0.450	0.325	0.325	0.300	0.	0.
90 - 60	0.575	0.425	0.325	0.325	0.	0.
60 - 30	0.625	0.600	0.475	0.425	0.	0.
30 - 0	0.825	0.800	0.750	0.700	0.	0.

site 5
H-E

TABLE # III

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.050	0.	0.	0.	0.	0.
210 - 180	0.050	0.	0.	0.	0.	0.
180 - 150	0.050	0.050	0.	0.	0.	0.
150 - 120	0.050	0.050	0.	0.	0.	0.
120 - 90	0.150	0.050	0.	0.	0.	0.
90 - 60	0.250	0.050	0.	0.	0.	0.
60 - 30	0.450	0.300	0.100	0.	0.	0.
30 - 0	0.450	0.450	0.250	0.100	0.	0.

SITE NO 5
TABLE III (II ...of)

TABLE 4

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.019	0.019	0.006	0.	0.	0.
270 - 240	0.025	0.019	0.012	0.	0.	0.
240 - 210	0.044	0.031	0.031	0.019	0.	0.
210 - 180	0.050	0.044	0.038	0.038	0.	0.
180 - 150	0.056	0.050	0.044	0.044	0.	0.
150 - 120	0.056	0.050	0.044	0.044	0.	0.
120 - 90	0.075	0.063	0.056	0.050	0.	0.
90 - 60	0.100	0.094	0.063	0.063	0.	0.
60 - 30	0.156	0.150	0.106	0.088	0.	0.
30 - 0	0.300	0.281	0.269	0.244	0.	0.

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TABLE 4

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.036	0.021	0.	0.	0.	0.
270 - 240	0.043	0.036	0.014	0.	0.	0.
240 - 210	0.064	0.064	0.036	0.021	0.	0.
210 - 180	0.086	0.079	0.057	0.043	0.	0.
180 - 150	0.093	0.086	0.079	0.064	0.	0.
150 - 120	0.093	0.086	0.079	0.064	0.	0.
120 - 90	0.114	0.100	0.093	0.086	0.	0.
90 - 60	0.150	0.136	0.121	0.107	0.	0.
60 - 30	0.243	0.214	0.200	0.171	0.	0.
30 - 0	0.393	0.357	0.329	0.300	0.	0.

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TABLE 4

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.042	0.033	0.017	0.	0.	0.
270 - 240	0.058	0.050	0.017	0.008	0.	0.
240 - 210	0.083	0.075	0.067	0.042	0.	0.
210 - 180	0.092	0.092	0.075	0.058	0.	0.
180 - 150	0.117	0.108	0.083	0.083	0.	0.
150 - 120	0.117	0.108	0.083	0.083	0.	0.
120 - 90	0.142	0.133	0.117	0.108	0.	0.
90 - 60	0.208	0.200	0.167	0.142	0.	0.
60 - 30	0.308	0.283	0.250	0.233	0.	0.
30 - 0	0.433	0.417	0.375	0.342	0.	0.

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TABLE 4

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.060	0.040	0.020	0.	0.	0.
270 - 240	0.070	0.070	0.040	0.020	0.	0.
240 - 210	0.110	0.100	0.080	0.060	0.	0.
210 - 180	0.120	0.110	0.100	0.080	0.	0.
180 - 150	0.160	0.140	0.120	0.120	0.	0.
150 - 120	0.160	0.140	0.120	0.120	0.	0.
120 - 90	0.200	0.190	0.160	0.150	0.	0.
90 - 60	0.250	0.230	0.210	0.190	0.	0.
60 - 30	0.360	0.330	0.290	0.250	0.	0.
30 - 0	0.580	0.550	0.520	0.480	0.	0.

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TABLE ~~4~~

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.088	0.063	0.025	0.	0.	0.
270 - 240	0.100	0.075	0.063	0.038	0.	0.
240 - 210	0.150	0.138	0.100	0.088	0.	0.
210 - 180	0.175	0.150	0.150	0.113	0.	0.
180 - 150	0.225	0.200	0.175	0.138	0.	0.
150 - 120	0.225	0.200	0.175	0.138	0.	0.
120 - 90	0.263	0.225	0.200	0.188	0.	0.
90 - 60	0.413	0.350	0.263	0.250	0.	0.
60 - 30	0.513	0.488	0.450	0.425	0.	0.
30 - 0	0.600	0.575	0.525	0.500	0.	0.

AD-A040 173 ARMY ENGINEER WATERWAYS EXPERIMENT STATION VICKSBURG MISS F/G 18/6
ANALYTICAL STUDY OF GROUND-SURFACE SHIELDING CHARACTERISTICS OF--ETC(U)
JUN 74 H W WEST, P L DOIRON, J A PARKS
UNCLASSIFIED WES-TR-M-74-4-VOL-2 NL

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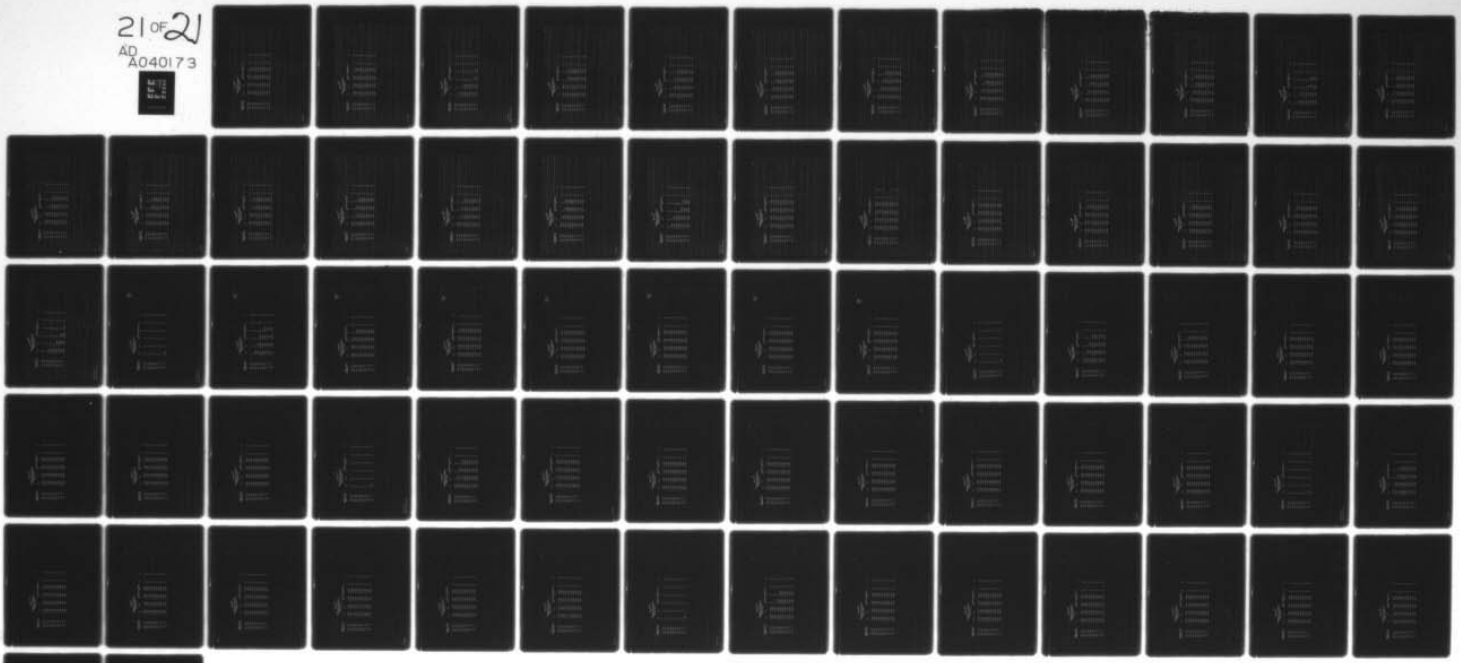

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TABLE 4

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.133	0.133	0.083	0.	0.	0.
270 - 240	0.150	0.150	0.100	0.050	0.	0.
240 - 210	0.200	0.200	0.183	0.133	0.	0.
210 - 180	0.233	0.217	0.200	0.167	0.	0.
180 - 150	0.417	0.317	0.233	0.233	0.	0.
150 - 120	0.417	0.317	0.233	0.233	0.	0.
120 - 90	0.433	0.383	0.383	0.383	0.	0.
90 - 60	0.467	0.433	0.383	0.383	0.	0.
60 - 30	0.550	0.500	0.450	0.417	0.	0.
30 - 0	0.650	0.633	0.550	0.533	0.	0.

TABLE 4

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.325	0.150	0.025	0.	0.	0.
270 - 240	0.325	0.300	0.100	0.025	0.	0.
240 - 210	0.350	0.325	0.275	0.275	0.	0.
210 - 180	0.375	0.325	0.325	0.275	0.	0.
180 - 150	0.375	0.325	0.325	0.275	0.	0.
150 - 120	0.375	0.325	0.325	0.275	0.	0.
120 - 90	0.400	0.325	0.325	0.325	0.	0.
90 - 60	0.525	0.325	0.325	0.325	0.	0.
60 - 30	0.625	0.550	0.425	0.350	0.	0.
30 - 0	0.825	0.800	0.750	0.700	0.	0.

TABLE 4 112

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.050	0.	0.	0.	0.	0.
210 - 180	0.050	0.	0.	0.	0.	0.
180 - 150	0.100	0.050	0.	0.	0.	0.
150 - 120	0.100	0.050	0.	0.	0.	0.
120 - 90	0.150	0.050	0.	0.	0.	0.
90 - 60	0.250	0.100	0.	0.	0.	0.
60 - 30	0.450	0.300	0.100	0.	0.	0.
30 - 0	0.450	0.450	0.250	0.100	0.	0.

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TABLE 112 (Sh. 1 of 8)

TABLE 113

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.019	0.006	0.	0.	0.	0.
270 - 240	0.019	0.006	0.	0.	0.	0.
240 - 210	0.031	0.031	0.012	0.006	0.	0.
210 - 180	0.044	0.044	0.019	0.019	0.	0.
180 - 150	0.050	0.050	0.044	0.025	0.	0.
150 - 120	0.050	0.050	0.044	0.025	0.	0.
120 - 90	0.081	0.069	0.063	0.044	0.	0.
90 - 60	0.113	0.106	0.094	0.069	0.	0.
60 - 30	0.169	0.156	0.138	0.131	0.	0.
30 - 0	0.319	0.294	0.281	0.231	0.	0.

TABLE 4

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.007	0.	0.	0.	0.	0.
270 - 240	0.021	0.	0.	0.	0.	0.
240 - 210	0.043	0.029	0.014	0.	0.	0.
210 - 180	0.057	0.043	0.021	0.014	0.	0.
180 - 150	0.086	0.057	0.050	0.029	0.	0.
150 - 120	0.086	0.057	0.050	0.029	0.	0.
120 - 90	0.100	0.100	0.079	0.064	0.	0.
90 - 60	0.150	0.129	0.107	0.107	0.	0.
60 - 30	0.221	0.193	0.171	0.157	0.	0.
30 - 0	0.443	0.421	0.336	0.314	0.	0.

TABLE 4

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.017	0.	0.	0.	0.	0.
270 - 240	0.017	0.008	0.	0.	0.	0.
240 - 210	0.058	0.042	0.017	0.008	0.	0.
210 - 180	0.092	0.050	0.042	0.025	0.	0.
180 - 150	0.100	0.092	0.067	0.050	0.	0.
150 - 120	0.100	0.092	0.067	0.050	0.	0.
120 - 90	0.133	0.125	0.100	0.075	0.	0.
90 - 60	0.200	0.183	0.158	0.125	0.	0.
60 - 30	0.300	0.275	0.258	0.217	0.	0.
30 - 0	0.508	0.492	0.450	0.425	0.	0.

TABLE 4 113

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.010	0.	0.	0.	0.	0.
270 - 240	0.050	0.010	0.	0.	0.	0.
240 - 210	0.090	0.050	0.030	0.	0.	0.
210 - 180	0.110	0.090	0.060	0.040	0.	0.
180 - 150	0.150	0.150	0.090	0.070	0.	0.
150 - 120	0.150	0.150	0.090	0.070	0.	0.
120 - 90	0.200	0.180	0.150	0.120	0.	0.
90 - 60	0.260	0.250	0.230	0.170	0.	0.
60 - 30	0.420	0.390	0.340	0.290	0.	0.
30 - 0	0.670	0.620	0.560	0.520	0.	0.

TABLE 4

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.025	0.	0.	0.	0.	0.
270 - 240	0.050	0.025	0.	0.	0.	0.
240 - 210	0.125	0.075	0.063	0.025	0.	0.
210 - 180	0.162	0.125	0.088	0.075	0.	0.
180 - 150	0.200	0.175	0.125	0.113	0.	0.
150 - 120	0.200	0.175	0.125	0.113	0.	0.
120 - 90	0.250	0.250	0.200	0.138	0.	0.
90 - 60	0.363	0.338	0.288	0.225	0.	0.
60 - 30	0.562	0.538	0.500	0.463	0.	0.
30 - 0	0.812	0.775	0.750	0.725	0.	0.

TABLE A

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.033	0.	0.	0.	0.	0.
270 - 240	0.067	0.033	0.	0.	0.	0.
240 - 210	0.167	0.117	0.083	0.017	0.	0.
210 - 180	0.200	0.167	0.133	0.083	0.	0.
180 - 150	0.300	0.250	0.167	0.150	0.	0.
150 - 120	0.300	0.250	0.167	0.150	0.	0.
120 - 90	0.367	0.367	0.267	0.183	0.	0.
90 - 60	0.633	0.583	0.500	0.383	0.	0.
60 - 30	0.833	0.733	0.700	0.617	0.	0.
30 - 0	0.883	0.867	0.833	0.833	0.	0.

113

TABLE 4

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.050	0.	0.	0.	0.	0.
270 - 240	0.100	0.025	0.	0.	0.	0.
240 - 210	0.300	0.175	0.050	0.025	0.	0.
210 - 180	0.400	0.325	0.250	0.100	0.	0.
180 - 150	0.475	0.375	0.325	0.325	0.	0.
150 - 120	0.475	0.375	0.325	0.325	0.	0.
120 - 90	0.675	0.625	0.450	0.325	0.	0.
90 - 60	0.800	0.750	0.700	0.650	0.	0.
60 - 30	0.800	0.750	0.750	0.675	0.	0.
30 - 0	0.850	0.800	0.750	0.750	0.	0.

TABLE 113

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.050	0.	0.	0.	0.	0.
210 - 180	0.150	0.050	0.	0.	0.	0.
180 - 150	0.150	0.150	0.	0.	0.	0.
150 - 120	0.150	0.150	0.	0.	0.	0.
120 - 90	0.450	0.150	0.050	0.	0.	0.
90 - 60	0.500	0.350	0.250	0.050	0.	0.
60 - 30	0.550	0.450	0.350	0.250	0.	0.
30 - 0	0.550	0.550	0.400	0.350	0.	0.

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TABLE 113 (Sheet 2)

TABLE 114

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.019	0.	0.	0.	0.	0.
270 - 240	0.025	0.012	0.	0.	0.	0.
240 - 210	0.038	0.031	0.012	0.006	0.	0.
210 - 180	0.050	0.050	0.038	0.019	0.	0.
180 - 150	0.081	0.056	0.050	0.038	0.	0.
150 - 120	0.081	0.056	0.050	0.038	0.	0.
120 - 90	0.119	0.081	0.069	0.063	0.	0.
90 - 60	0.150	0.106	0.094	0.088	0.	0.
60 - 30	0.206	0.169	0.150	0.131	0.	0.
30 - 0	0.363	0.306	0.288	0.250	0.	0.

TABLE 4 114

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.014	0.007	0.	0.	0.	0.
270 - 240	0.021	0.014	0.	0.	0.	0.
240 - 210	0.050	0.043	0.036	0.	0.	0.
210 - 180	0.079	0.064	0.036	0.036	0.	0.
180 - 150	0.086	0.079	0.057	0.043	0.	0.
150 - 120	0.086	0.079	0.057	0.043	0.	0.
120 - 90	0.107	0.100	0.086	0.057	0.	0.
90 - 60	0.136	0.136	0.121	0.107	0.	0.
60 - 30	0.207	0.193	0.171	0.157	0.	0.
30 - 0	0.364	0.350	0.307	0.279	0.	0.

TABLE → 114

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.033	0.008	0.	0.	0.	0.
270 - 240	0.050	0.017	0.	0.	0.	0.
240 - 210	0.067	0.042	0.033	0.017	0.	0.
210 - 180	0.100	0.075	0.050	0.025	0.	0.
180 - 150	0.117	0.100	0.067	0.058	0.	0.
150 - 120	0.117	0.100	0.067	0.058	0.	0.
120 - 90	0.133	0.125	0.117	0.092	0.	0.
90 - 60	0.183	0.175	0.158	0.142	0.	0.
60 - 30	0.275	0.242	0.233	0.208	0.	0.
30 - 0	0.517	0.500	0.450	0.425	0.	0.

TABLE 4

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.020	0.020	0.	0.	0.	0.
270 - 240	0.040	0.020	0.	0.	0.	0.
240 - 210	0.100	0.060	0.030	0.020	0.	0.
210 - 180	0.110	0.100	0.060	0.040	0.	0.
180 - 150	0.150	0.130	0.120	0.080	0.	0.
150 - 120	0.150	0.138	0.120	0.080	0.	0.
120 - 90	0.180	0.180	0.140	0.110	0.	0.
90 - 60	0.260	0.230	0.210	0.180	0.	0.
60 - 30	0.410	0.370	0.310	0.280	0.	0.
30 - 0	0.670	0.620	0.570	0.550	0.	0.

TABLE 4

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.012	0.	0.	0.	0.	0.
270 - 240	0.063	0.	0.	0.	0.	0.
240 - 210	0.100	0.063	0.038	0.	0.	0.
210 - 180	0.138	0.125	0.075	0.050	0.	0.
180 - 150	0.175	0.150	0.113	0.088	0.	0.
150 - 120	0.175	0.150	0.113	0.088	0.	0.
120 - 90	0.250	0.200	0.150	0.138	0.	0.
90 - 60	0.363	0.325	0.262	0.225	0.	0.
60 - 30	0.587	0.563	0.500	0.450	0.	0.
30 - 0	0.788	0.750	0.725	0.700	0.	0.

TABLE 114

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.017	0.	0.	0.	0.	0.
270 - 240	0.050	0.	0.	0.	0.	0.
240 - 210	0.117	0.117	0.050	0.	0.	0.
210 - 180	0.183	0.150	0.117	0.067	0.	0.
180 - 150	0.300	0.200	0.167	0.150	0.	0.
150 - 120	0.300	0.200	0.167	0.150	0.	0.
120 - 90	0.417	0.383	0.217	0.200	0.	0.
90 - 60	0.600	0.583	0.500	0.383	0.	0.
60 - 30	0.733	0.717	0.667	0.617	0.	0.
30 - 0	0.867	0.867	0.833	0.833	0.	0.

TABLE 114

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.050	0.	0.	0.	0.	0.
270 - 240	0.175	0.025	0.	0.	0.	0.
240 - 210	0.350	0.225	0.125	0.050	0.	0.
210 - 180	0.400	0.325	0.325	0.150	0.	0.
180 - 150	0.525	0.400	0.325	0.325	0.	0.
150 - 120	0.525	0.400	0.325	0.325	0.	0.
120 - 90	0.625	0.600	0.425	0.350	0.	0.
90 - 60	0.800	0.750	0.700	0.575	0.	0.
60 - 30	0.800	0.800	0.750	0.700	0.	0.
30 - 0	0.825	0.800	0.750	0.750	0.	0.

TABLE 114

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.050	0.	0.	0.	0.	0.
210 - 180	0.150	0.050	0.	0.	0.	0.
180 - 150	0.150	0.050	0.	0.	0.	0.
150 - 120	0.150	0.050	0.	0.	0.	0.
120 - 90	0.400	0.150	0.050	0.	0.	0.
90 - 60	0.500	0.350	0.250	0.050	0.	0.
60 - 30	0.550	0.450	0.300	0.250	0.	0.
30 - 0	0.550	0.550	0.400	0.350	0.	0.

SITE NO 5

TABLE 114 (Sh. 1 of 8)

TABLE 115

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.044	0.031	0.012	0.006	0.	0.
270 - 240	0.056	0.038	0.031	0.012	0.	0.
240 - 210	0.081	0.069	0.050	0.044	0.	0.
210 - 180	0.094	0.075	0.063	0.056	0.	0.
180 - 150	0.125	0.088	0.069	0.069	0.	0.
150 - 120	0.125	0.088	0.069	0.069	0.	0.
120 - 90	0.175	0.113	0.081	0.081	0.	0.
90 - 60	0.225	0.150	0.119	0.100	0.	0.
60 - 30	0.281	0.238	0.169	0.144	0.	0.
30 - 0	0.406	0.350	0.269	0.244	0.	0.

TABLE 4 (115)

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.043	0.043	0.014	0.007	0.	0.
270 - 240	0.057	0.050	0.043	0.014	0.	0.
240 - 210	0.086	0.071	0.071	0.057	0.	0.
210 - 180	0.100	0.093	0.079	0.071	0.	0.
180 - 150	0.107	0.100	0.086	0.086	0.	0.
150 - 120	0.107	0.100	0.086	0.086	0.	0.
120 - 90	0.121	0.121	0.107	0.093	0.	0.
90 - 60	0.164	0.143	0.121	0.121	0.	0.
60 - 30	0.243	0.200	0.179	0.150	0.	0.
30 - 0	0.486	0.443	0.407	0.364	0.	0.

TABLE 115

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.050	0.050	0.025	0.017	0.	0.
270 - 240	0.067	0.067	0.033	0.025	0.	0.
240 - 210	0.092	0.092	0.083	0.067	0.	0.
210 - 180	0.125	0.100	0.092	0.092	0.	0.
180 - 150	0.142	0.108	0.108	0.100	0.	0.
150 - 120	0.142	0.108	0.108	0.100	0.	0.
120 - 90	0.158	0.150	0.125	0.117	0.	0.
90 - 60	0.200	0.192	0.150	0.150	0.	0.
60 - 30	0.325	0.283	0.217	0.183	0.	0.
30 - 0	0.533	0.517	0.500	0.450	0.	0.

TABLE 115

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.070	0.060	0.020	0.	0.	0.
270 - 240	0.080	0.080	0.040	0.010	0.	0.
240 - 210	0.120	0.110	0.090	0.070	0.	0.
210 - 180	0.140	0.120	0.110	0.090	0.	0.
180 - 150	0.170	0.150	0.140	0.120	0.	0.
150 - 120	0.170	0.150	0.140	0.120	0.	0.
120 - 90	0.210	0.190	0.170	0.160	0.	0.
90 - 60	0.270	0.250	0.220	0.210	0.	0.
60 - 30	0.470	0.430	0.370	0.360	0.	0.
30 - 0	0.550	0.540	0.490	0.470	0.	0.

TABLE 115

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.050	0.050	0.012	0.	0.	0.
270 - 240	0.088	0.063	0.038	0.012	0.	0.
240 - 210	0.138	0.138	0.088	0.088	0.	0.
210 - 180	0.188	0.150	0.125	0.125	0.	0.
180 - 150	0.225	0.200	0.188	0.150	0.	0.
150 - 120	0.225	0.200	0.188	0.150	0.	0.
120 - 90	0.350	0.325	0.250	0.188	0.	0.
90 - 60	0.438	0.438	0.375	0.350	0.	0.
60 - 30	0.475	0.450	0.413	0.413	0.	0.
30 - 0	0.575	0.550	0.488	0.475	0.	0.

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TABLE 4

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.133	0.100	0.033	0.	0.	0.
270 - 240	0.150	0.150	0.083	0.033	0.	0.
240 - 210	0.217	0.217	0.200	0.133	0.	0.
210 - 180	0.333	0.317	0.233	0.183	0.	0.
180 - 150	0.400	0.383	0.383	0.350	0.	0.
150 - 120	0.400	0.383	0.383	0.350	0.	0.
120 - 90	0.417	0.383	0.383	0.383	0.	0.
90 - 60	0.417	0.383	0.383	0.383	0.	0.
60 - 30	0.517	0.467	0.400	0.400	0.	0.
30 - 0	0.633	0.600	0.550	0.483	0.	0.

115

TABLE 4

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.325	0.275	0.175	0.	0.	0.
270 - 240	0.325	0.275	0.225	0.175	0.	0.
240 - 210	0.350	0.325	0.275	0.275	0.	0.
210 - 180	0.375	0.325	0.325	0.275	0.	0.
180 - 150	0.375	0.325	0.325	0.275	0.	0.
150 - 120	0.375	0.325	0.325	0.275	0.	0.
120 - 90	0.400	0.325	0.325	0.325	0.	0.
90 - 60	0.500	0.325	0.325	0.325	0.	0.
60 - 30	0.600	0.500	0.400	0.350	0.	0.
30 - 0	0.850	0.800	0.750	0.575	0.	0.

TABLE 115

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.050	0.	0.	0.	0.	0.
180 - 150	0.050	0.	0.	0.	0.	0.
150 - 120	0.050	0.	0.	0.	0.	0.
120 - 90	0.150	0.050	0.	0.	0.	0.
90 - 60	0.150	0.050	0.	0.	0.	0.
60 - 30	0.450	0.350	0.050	0.	0.	0.
30 - 0	0.450	0.450	0.250	0.100	0.	0.

SITE NO 5

TABLE 115 (Sh 1 of 1)

Site 6
A-E

TABLE 116

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.	0.	0.	0.	0.	0.
90 - 60	0.	0.	0.	0.	0.	0.
60 - 30	0.	0.	0.	0.	0.	0.
30 - 0	0.050	0.	0.	0.	0.	0.

SITE NO. 6
TABLE 116 (Sh. 1 of 2)

site 6 2
A-E

TABLE 4 116

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.200	0.	0.	0.	0.	0.
210 - 180	0.225	0.150	0.	0.	0.	0.
180 - 150	0.250	0.200	0.075	0.	0.	0.
150 - 120	0.250	0.200	0.075	0.	0.	0.
120 - 90	0.250	0.225	0.150	0.075	0.	0.
90 - 60	0.275	0.225	0.200	0.125	0.	0.
60 - 30	0.275	0.250	0.200	0.150	0.	0.
30 - 0	0.275	0.250	0.225	0.200	0.	0.

site 6
A-E

TABLE A-116

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.183	0.100	0.017	0.	0.	0.
270 - 240	0.267	0.150	0.050	0.	0.	0.
240 - 210	0.567	0.467	0.200	0.050	0.	0.
210 - 180	0.617	0.517	0.433	0.217	0.	0.
180 - 150	0.633	0.533	0.467	0.400	0.	0.
150 - 120	0.633	0.533	0.467	0.400	0.	0.
120 - 90	0.633	0.567	0.500	0.450	0.	0.
90 - 60	0.633	0.617	0.533	0.467	0.	0.
60 - 30	0.633	0.633	0.533	0.467	0.	0.
30 - 0	0.633	0.633	0.567	0.500	0.	0.

site 4
A-E

TABLE 4116

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.350	0.300	0.273	0.200	0.	0.
270 - 240	0.413	0.350	0.300	0.225	0.	0.
240 - 210	0.650	0.575	0.425	0.325	0.	0.
210 - 180	0.738	0.725	0.637	0.500	0.	0.
180 - 150	0.750	0.725	0.687	0.638	0.	0.
150 - 120	0.750	0.725	0.687	0.638	0.	0.
120 - 90	0.750	0.738	0.700	0.650	0.	0.
90 - 60	0.750	0.738	0.700	0.675	0.	0.
60 - 30	0.750	0.738	0.712	0.688	0.	0.
30 - 0	0.750	0.750	0.737	0.700	0.	0.

Sh. 4 of 8

site 6 5
A-E

TABLE 116

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	R
300 - 270	0.380	0.350	0.340	0.310	0.	0.
270 - 240	0.470	0.420	0.350	0.310	0.	0.
240 - 210	0.640	0.580	0.510	0.470	0.	0.
210 - 180	0.790	0.770	0.690	0.570	0.	0.
180 - 150	0.800	0.780	0.760	0.730	0.	0.
150 - 120	0.800	0.780	0.760	0.730	0.	0.
120 - 90	0.810	0.790	0.770	0.750	0.	0.
90 - 60	0.810	0.790	0.770	0.770	0.	0.
60 - 30	0.810	0.800	0.790	0.770	0.	0.
30 - 0	0.820	0.810	0.790	0.770	0.	0.

table 6
A-E

TABLE 116

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.583	0.550	0.392	0.383	0.	0.
270 - 240	0.600	0.575	0.475	0.425	0.	0.
240 - 210	0.617	0.592	0.567	0.550	0.	0.
210 - 180	0.800	0.733	0.642	0.592	0.	0.
180 - 150	0.825	0.808	0.792	0.758	0.	0.
150 - 120	0.825	0.808	0.792	0.758	0.	0.
120 - 90	0.833	0.825	0.808	0.792	0.	0.
90 - 60	0.833	0.825	0.808	0.792	0.	0.
60 - 30	0.833	0.825	0.817	0.800	0.	0.
30 - 0	0.833	0.833	0.825	0.817	0.	0.

site 7
A-E

TABLE 4116

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.629	0.600	0.543	0.507	0.	0.
270 - 240	0.650	0.629	0.593	0.543	0.	0.
240 - 210	0.664	0.643	0.614	0.593	0.	0.
210 - 180	0.779	0.714	0.650	0.636	0.	0.
180 - 150	0.850	0.836	0.821	0.793	0.	0.
150 - 120	0.850	0.836	0.821	0.793	0.	0.
120 - 90	0.857	0.836	0.836	0.814	0.	0.
90 - 60	0.857	0.850	0.836	0.821	0.	0.
60 - 30	0.864	0.850	0.836	0.836	0.	0.
30 - 0	0.871	0.864	0.836	0.836	0.	0.

site 6
R-E

TABLE 116

PROBABILITY OF SHIELDING
TARGET POSITION A
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.638	0.625	0.606	0.562	0.	0.
270 - 240	0.644	0.631	0.606	0.587	0.	0.
240 - 210	0.675	0.669	0.638	0.619	0.	0.
210 - 180	0.781	0.694	0.669	0.644	0.	0.
180 - 150	0.869	0.850	0.831	0.775	0.	0.
150 - 120	0.869	0.850	0.831	0.775	0.	0.
120 - 90	0.869	0.856	0.844	0.831	0.	0.
90 - 60	0.875	0.863	0.850	0.837	0.	0.
60 - 30	0.881	0.875	0.850	0.850	0.	0.
30 - 0	0.894	0.875	0.863	0.850	0.	0.

TABLE 117

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.	0.	0.	0.	0.	0.
90 - 60	0.	0.	0.	0.	0.	0.
60 - 30	0.	0.	0.	0.	0.	0.
30 - 0	0.100	0.	0.	0.	0.	0.

SITE NO 6

TABLE 117

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.125	0.	0.	0.	0.	0.
240 - 210	0.225	0.150	0.	0.	0.	0.
210 - 180	0.225	0.175	0.075	0.	0.	0.
180 - 150	0.225	0.225	0.150	0.075	0.	0.
150 - 120	0.225	0.225	0.150	0.075	0.	0.
120 - 90	0.275	0.225	0.175	0.125	0.	0.
90 - 60	0.275	0.225	0.175	0.150	0.	0.
60 - 30	0.275	0.225	0.225	0.175	0.	0.
30 - 0	0.275	0.250	0.225	0.175	0.	0.

TABLE 117

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.267	0.150	0.067	0.	0.	0.
270 - 240	0.383	0.283	0.083	0.	0.	0.
240 - 210	0.617	0.550	0.417	0.167	0.	0.
210 - 180	0.633	0.550	0.467	0.350	0.	0.
180 - 150	0.633	0.567	0.533	0.433	0.	0.
150 - 120	0.633	0.567	0.533	0.433	0.	0.
120 - 90	0.633	0.583	0.550	0.467	0.	0.
90 - 60	0.633	0.617	0.550	0.517	0.	0.
60 - 30	0.633	0.617	0.550	0.533	0.	0.
30 - 0	0.633	0.633	0.583	0.550	0.	0.

TABLE 117

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.413	0.325	0.288	0.250	0.	0.
270 - 240	0.513	0.425	0.350	0.262	0.	0.
240 - 210	0.738	0.713	0.613	0.438	0.	0.
210 - 180	0.738	0.725	0.675	0.638	0.	0.
180 - 150	0.738	0.738	0.700	0.650	0.	0.
150 - 120	0.738	0.738	0.700	0.650	0.	0.
120 - 90	0.750	0.738	0.713	0.675	0.	0.
90 - 60	0.750	0.738	0.725	0.688	0.	0.
60 - 30	0.750	0.738	0.725	0.700	0.	0.
30 - 0	0.775	0.750	0.738	0.713	0.	0.

TABLE 117

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.520	0.470	0.370	0.330	0.	0.
270 - 240	0.580	0.520	0.480	0.430	0.	0.
240 - 210	0.800	0.780	0.680	0.560	0.	0.
210 - 180	0.800	0.780	0.770	0.740	0.	0.
180 - 150	0.800	0.790	0.770	0.750	0.	0.
150 - 120	0.800	0.790	0.770	0.750	0.	0.
120 - 90	0.800	0.800	0.780	0.770	0.	0.
90 - 60	0.810	0.800	0.780	0.770	0.	0.
60 - 30	0.810	0.800	0.790	0.780	0.	0.
30 - 0	0.820	0.810	0.790	0.780	0.	0.

TABLE 117

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.625	0.592	0.525	0.450	0.	0.
270 - 240	0.625	0.600	0.558	0.517	0.	0.
240 - 210	0.792	0.750	0.658	0.600	0.	0.
210 - 180	0.825	0.817	0.792	0.783	0.	0.
180 - 150	0.825	0.825	0.817	0.792	0.	0.
150 - 120	0.825	0.825	0.817	0.792	0.	0.
120 - 90	0.842	0.825	0.817	0.800	0.	0.
90 - 60	0.850	0.825	0.817	0.800	0.	0.
60 - 30	0.850	0.842	0.825	0.817	0.	0.
30 - 0	0.858	0.850	0.825	0.817	0.	0.

TABLE 4-117

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.650	0.629	0.593	0.571	0.	0.
270 - 240	0.650	0.636	0.607	0.579	0.	0.
240 - 210	0.743	0.714	0.650	0.636	0.	0.
210 - 180	0.829	0.821	0.800	0.750	0.	0.
180 - 150	0.843	0.829	0.814	0.800	0.	0.
150 - 120	0.843	0.829	0.814	0.800	0.	0.
120 - 90	0.850	0.836	0.829	0.814	0.	0.
90 - 60	0.850	0.850	0.829	0.814	0.	0.
60 - 30	0.857	0.850	0.843	0.829	0.	0.
30 - 0	0.864	0.857	0.843	0.836	0.	0.

TABLE 117

PROBABILITY OF SHIELDING
TARGET POSITION B
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.650	0.638	0.600	0.575	0.	0.
270 - 240	0.669	0.650	0.625	0.613	0.	0.
240 - 210	0.719	0.681	0.669	0.650	0.	0.
210 - 180	0.850	0.819	0.769	0.700	0.	0.
180 - 150	0.856	0.844	0.825	0.819	0.	0.
150 - 120	0.856	0.844	0.825	0.819	0.	0.
120 - 90	0.856	0.850	0.838	0.825	0.	0.
90 - 60	0.862	0.856	0.844	0.831	0.	0.
60 - 30	0.862	0.863	0.844	0.838	0.	0.
30 - 0	0.881	0.869	0.856	0.850	0.	0.

TABLE 118

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.	0.	0.	0.	0.	0.
90 - 60	0.	0.	0.	0.	0.	0.
60 - 30	0.	0.	0.	0.	0.	0.
30 - 0	0.100	0.	0.	0.	0.	0.

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TABLE 118 (Sh. 1 of 1)

TABLE 118

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.100	0.	0.	0.	0.	0.
270 - 240	0.150	0.075	0.	0.	0.	0.
240 - 210	0.225	0.175	0.075	0.	0.	0.
210 - 180	0.225	0.175	0.125	0.075	0.	0.
180 - 150	0.275	0.225	0.175	0.075	0.	0.
150 - 120	0.275	0.225	0.175	0.075	0.	0.
120 - 90	0.300	0.225	0.175	0.125	0.	0.
90 - 60	0.300	0.225	0.200	0.175	0.	0.
60 - 30	0.325	0.225	0.225	0.175	0.	0.
30 - 0	0.350	0.275	0.225	0.200	0.	0.

TABLE 118

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.350	0.217	0.117	0.033	0.	0.
270 - 240	0.500	0.400	0.183	0.067	0.	0.
240 - 210	0.567	0.533	0.450	0.317	0.	0.
210 - 180	0.617	0.550	0.517	0.417	0.	0.
180 - 150	0.617	0.567	0.550	0.467	0.	0.
150 - 120	0.617	0.567	0.550	0.467	0.	0.
120 - 90	0.617	0.583	0.550	0.517	0.	0.
90 - 60	0.633	0.617	0.550	0.533	0.	0.
60 - 30	0.633	0.617	0.567	0.550	0.	0.
30 - 0	0.633	0.617	0.567	0.550	0.	0.

TABLE 118

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.475	0.425	0.313	0.262	0.	0.
270 - 240	0.625	0.513	0.438	0.325	0.	0.
240 - 210	0.737	0.700	0.663	0.613	0.	0.
210 - 180	0.737	0.713	0.675	0.650	0.	0.
180 - 150	0.737	0.725	0.688	0.663	0.	0.
150 - 120	0.737	0.725	0.688	0.663	0.	0.
120 - 90	0.737	0.725	0.700	0.675	0.	0.
90 - 60	0.737	0.725	0.713	0.688	0.	0.
60 - 30	0.737	0.725	0.713	0.688	0.	0.
30 - 0	0.762	0.738	0.725	0.700	0.	0.

TABLE 4 118

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.560	0.530	0.460	0.380	0.	0.
270 - 240	0.670	0.590	0.520	0.480	0.	0.
240 - 210	0.800	0.790	0.730	0.700	0.	0.
210 - 180	0.800	0.790	0.750	0.710	0.	0.
180 - 150	0.800	0.790	0.770	0.730	0.	0.
150 - 120	0.800	0.790	0.770	0.730	0.	0.
120 - 90	0.810	0.790	0.780	0.750	0.	0.
90 - 60	0.820	0.800	0.790	0.750	0.	0.
60 - 30	0.820	0.800	0.790	0.780	0.	0.
30 - 0	0.820	0.800	0.790	0.790	0.	0.

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TABLE 4 118

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.625	0.592	0.567	0.525	0.	0.
270 - 240	0.658	0.625	0.592	0.567	0.	0.
240 - 210	0.808	0.808	0.792	0.717	0.	0.
210 - 180	0.808	0.808	0.792	0.775	0.	0.
180 - 150	0.825	0.808	0.800	0.783	0.	0.
150 - 120	0.825	0.808	0.800	0.783	0.	0.
120 - 90	0.825	0.817	0.800	0.792	0.	0.
90 - 60	0.833	0.817	0.808	0.800	0.	0.
60 - 30	0.833	0.833	0.817	0.808	0.	0.
30 - 0	0.858	0.833	0.825	0.808	0.	0.

TABLE 118

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.607	0.593	0.579	0.557	0.	0.
270 - 240	0.629	0.614	0.600	0.571	0.	0.
240 - 210	0.814	0.793	0.750	0.657	0.	0.
210 - 180	0.821	0.800	0.793	0.779	0.	0.
180 - 150	0.843	0.821	0.800	0.779	0.	0.
150 - 120	0.843	0.821	0.800	0.779	0.	0.
120 - 90	0.850	0.821	0.814	0.807	0.	0.
90 - 60	0.850	0.836	0.821	0.814	0.	0.
60 - 30	0.850	0.843	0.829	0.814	0.	0.
30 - 0	0.857	0.857	0.829	0.821	0.	0.

TABLE 4 118

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.687	0.663	0.619	0.600	0.	0.
270 - 240	0.694	0.675	0.644	0.625	0.	0.
240 - 210	0.838	0.813	0.706	0.681	0.	0.
210 - 180	0.844	0.844	0.825	0.800	0.	0.
180 - 150	0.850	0.844	0.831	0.812	0.	0.
150 - 120	0.850	0.844	0.831	0.812	0.	0.
120 - 90	0.850	0.850	0.837	0.825	0.	0.
90 - 60	0.850	0.850	0.837	0.838	0.	0.
60 - 30	0.863	0.850	0.844	0.838	0.	0.
30 - 0	0.869	0.850	0.850	0.844	0.	0.

TABLE 118

PROBABILITY OF SHIELDING
TARGET POSITION C
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.687	0.663	0.619	0.600	0.	0.
270 - 240	0.694	0.675	0.644	0.625	0.	0.
240 - 210	0.838	0.813	0.706	0.681	0.	0.
210 - 180	0.844	0.844	0.825	0.800	0.	0.
180 - 150	0.850	0.844	0.831	0.812	0.	0.
150 - 120	0.850	0.844	0.831	0.812	0.	0.
120 - 90	0.850	0.850	0.837	0.825	0.	0.
90 - 60	0.850	0.850	0.837	0.838	0.	0.
60 - 30	0.863	0.850	0.844	0.838	0.	0.
30 - 0	0.869	0.850	0.850	0.844	0.	0.

TABLE 119

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.	0.	0.	0.	0.	0.
90 - 60	0.	0.	0.	0.	0.	0.
60 - 30	0.	0.	0.	0.	0.	0.
30 - 0	0.050	0.	0.	0.	0.	0.

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TABLE 119

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.100	0.	0.	0.	0.	0.
270 - 240	0.175	0.025	0.	0.	0.	0.
240 - 210	0.250	0.200	0.050	0.	0.	0.
210 - 180	0.250	0.225	0.125	0.050	0.	0.
180 - 150	0.325	0.250	0.175	0.075	0.	0.
150 - 120	0.325	0.250	0.175	0.075	0.	0.
120 - 90	0.350	0.250	0.175	0.150	0.	0.
90 - 60	0.375	0.275	0.200	0.175	0.	0.
60 - 30	0.375	0.300	0.225	0.175	0.	0.
30 - 0	0.400	0.350	0.225	0.200	0.	0.

TABLE A 119

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.517	0.367	0.117	0.067	0.	0.
270 - 240	0.550	0.500	0.333	0.117	0.	0.
240 - 210	0.583	0.550	0.500	0.367	0.	0.
210 - 180	0.600	0.550	0.517	0.433	0.	0.
180 - 150	0.600	0.567	0.550	0.467	0.	0.
150 - 120	0.600	0.567	0.550	0.467	0.	0.
120 - 90	0.617	0.583	0.550	0.533	0.	0.
90 - 60	0.633	0.600	0.550	0.533	0.	0.
60 - 30	0.633	0.617	0.567	0.533	0.	0.
30 - 0	0.633	0.617	0.583	0.567	0.	0.

TABLE 119

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.562	0.438	0.350	0.238	0.	0.
270 - 240	0.712	0.625	0.463	0.388	0.	0.
240 - 210	0.725	0.687	0.613	0.588	0.	0.
210 - 180	0.738	0.700	0.638	0.600	0.	0.
180 - 150	0.738	0.713	0.675	0.613	0.	0.
150 - 120	0.738	0.713	0.675	0.613	0.	0.
120 - 90	0.750	0.725	0.675	0.638	0.	0.
90 - 60	0.763	0.725	0.688	0.650	0.	0.
60 - 30	0.763	0.738	0.700	0.675	0.	0.
30 - 0	0.775	0.738	0.725	0.675	0.	0.

TABLE 119

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.590	0.540	0.500	0.450	0.	0.
270 - 240	0.750	0.670	0.560	0.520	0.	0.
240 - 210	0.760	0.740	0.710	0.690	0.	0.
210 - 180	0.760	0.750	0.730	0.700	0.	0.
180 - 150	0.760	0.750	0.740	0.710	0.	0.
150 - 120	0.760	0.750	0.740	0.710	0.	0.
120 - 90	0.780	0.760	0.750	0.740	0.	0.
90 - 60	0.780	0.770	0.750	0.740	0.	0.
60 - 30	0.810	0.770	0.750	0.750	0.	0.
30 - 0	0.820	0.790	0.770	0.750	0.	0.

TABLE 4.19

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.625	0.558	0.533	0.508	0.	0.
270 - 240	0.708	0.642	0.575	0.550	0.	0.
240 - 210	0.775	0.767	0.742	0.725	0.	0.
210 - 180	0.775	0.775	0.758	0.733	0.	0.
180 - 150	0.792	0.775	0.767	0.742	0.	0.
150 - 120	0.792	0.775	0.767	0.742	0.	0.
120 - 90	0.817	0.783	0.775	0.742	0.	0.
90 - 60	0.825	0.792	0.775	0.767	0.	0.
60 - 30	0.825	0.808	0.783	0.775	0.	0.
30 - 0	0.825	0.825	0.800	0.792	0.	0.

TABLE 119

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.671	0.629	0.593	0.557	0.	0.
270 - 240	0.721	0.679	0.636	0.586	0.	0.
240 - 210	0.836	0.836	0.800	0.771	0.	0.
210 - 180	0.836	0.836	0.807	0.793	0.	0.
180 - 150	0.836	0.836	0.829	0.793	0.	0.
150 - 120	0.836	0.836	0.829	0.793	0.	0.
120 - 90	0.836	0.836	0.829	0.807	0.	0.
90 - 60	0.843	0.836	0.829	0.821	0.	0.
60 - 30	0.850	0.836	0.836	0.821	0.	0.
30 - 0	0.850	0.836	0.836	0.829	0.	0.

TABLE 119

PROBABILITY OF SHIELDING
TARGET POSITION D
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.700	0.675	0.656	0.638	0.	0.
270 - 240	0.731	0.694	0.669	0.663	0.	0.
240 - 210	0.875	0.844	0.825	0.819	0.	0.
210 - 180	0.881	0.850	0.838	0.825	0.	0.
180 - 150	0.881	0.850	0.844	0.831	0.	0.
150 - 120	0.881	0.850	0.844	0.831	0.	0.
120 - 90	0.888	0.862	0.844	0.831	0.	0.
90 - 60	0.894	0.875	0.850	0.838	0.	0.
60 - 30	0.894	0.881	0.856	0.838	0.	0.
30 - 0	0.906	0.888	0.856	0.844	0.	0.

TABLE 120

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 10 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.	0.	0.	0.	0.	0.
270 - 240	0.	0.	0.	0.	0.	0.
240 - 210	0.	0.	0.	0.	0.	0.
210 - 180	0.	0.	0.	0.	0.	0.
180 - 150	0.	0.	0.	0.	0.	0.
150 - 120	0.	0.	0.	0.	0.	0.
120 - 90	0.	0.	0.	0.	0.	0.
90 - 60	0.	0.	0.	0.	0.	0.
60 - 30	0.	0.	0.	0.	0.	0.
30 - 0	0.050	0.	0.	0.	0.	0.

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TABLE 120

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 20 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.025	0.025	0.	0.	0.	0.
270 - 240	0.275	0.025	0.	0.	0.	0.
240 - 210	0.325	0.275	0.	0.	0.	0.
210 - 180	0.350	0.275	0.100	0.	0.	0.
180 - 150	0.375	0.325	0.175	0.075	0.	0.
150 - 120	0.375	0.325	0.175	0.075	0.	0.
120 - 90	0.400	0.350	0.275	0.125	0.	0.
90 - 60	0.400	0.350	0.300	0.175	0.	0.
60 - 30	0.425	0.350	0.325	0.175	0.	0.
30 - 0	0.450	0.375	0.350	0.225	0.	0.

TABLE 4/20

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 30 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.533	0.383	0.133	0.083	0.	0.
270 - 240	0.533	0.467	0.367	0.100	0.	0.
240 - 210	0.583	0.533	0.450	0.400	0.	0.
210 - 180	0.583	0.567	0.483	0.433	0.	0.
180 - 150	0.583	0.567	0.517	0.450	0.	0.
150 - 120	0.583	0.567	0.517	0.450	0.	0.
120 - 90	0.600	0.583	0.533	0.483	0.	0.
90 - 60	0.600	0.583	0.550	0.517	0.	0.
60 - 30	0.600	0.600	0.550	0.533	0.	0.
30 - 0	0.633	0.600	0.583	0.533	0.	0.

TABLE 120

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 40 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.638	0.550	0.413	0.337	0.	0.
270 - 240	0.638	0.625	0.588	0.400	0.	0.
240 - 210	0.650	0.638	0.625	0.575	0.	0.
210 - 180	0.663	0.650	0.625	0.600	0.	0.
180 - 150	0.675	0.663	0.638	0.613	0.	0.
150 - 120	0.675	0.663	0.638	0.613	0.	0.
120 - 90	0.688	0.675	0.638	0.625	0.	0.
90 - 60	0.713	0.675	0.663	0.625	0.	0.
60 - 30	0.738	0.688	0.675	0.650	0.	0.
30 - 0	0.750	0.688	0.675	0.663	0.	0.

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TABLE 120

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 50 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.590	0.510	0.460	0.430	0.	0.
270 - 240	0.680	0.640	0.530	0.490	0.	0.
240 - 210	0.710	0.680	0.650	0.630	0.	0.
210 - 180	0.720	0.700	0.650	0.640	0.	0.
180 - 150	0.720	0.720	0.670	0.650	0.	0.
150 - 120	0.720	0.720	0.670	0.650	0.	0.
120 - 90	0.730	0.720	0.700	0.660	0.	0.
90 - 60	0.740	0.730	0.720	0.670	0.	0.
60 - 30	0.760	0.740	0.720	0.700	0.	0.
30 - 0	0.770	0.740	0.730	0.710	0.	0.

TABLE 4/20

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 60 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM 10	25	50	75	0	0
300 - 270	0.667	0.592	0.542	0.492	0.	0.
270 - 240	0.750	0.700	0.617	0.533	0.	0.
240 - 210	0.783	0.783	0.725	0.692	0.	0.
210 - 180	0.792	0.783	0.742	0.708	0.	0.
180 - 150	0.792	0.792	0.758	0.717	0.	0.
150 - 120	0.792	0.792	0.758	0.717	0.	0.
120 - 90	0.800	0.800	0.775	0.725	0.	0.
90 - 60	0.808	0.800	0.792	0.758	0.	0.
60 - 30	0.825	0.800	0.792	0.775	0.	0.
30 - 0	0.825	0.800	0.792	0.783	0.	0.

TABLE 120

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 70 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	Q	D
300 - 270	0.736	0.664	0.614	0.600	0.	0.
270 - 240	0.807	0.757	0.679	0.629	0.	0.
240 - 210	0.857	0.836	0.807	0.779	0.	0.
210 - 180	0.864	0.836	0.814	0.800	0.	0.
180 - 150	0.871	0.836	0.829	0.800	0.	0.
150 - 120	0.871	0.836	0.829	0.800	0.	0.
120 - 90	0.871	0.850	0.829	0.807	0.	0.
90 - 60	0.871	0.857	0.829	0.807	0.	0.
60 - 30	0.879	0.871	0.836	0.821	0.	0.
30 - 0	0.879	0.871	0.836	0.829	0.	0.

TABLE A-120

PROBABILITY OF SHIELDING
TARGET POSITION E
RANGE 80 M

TARGET HEIGHT INCREMENT, CM	HEIGHTS OF BURST, CM					
	10	25	50	75	0	0
300 - 270	0.737	0.694	0.669	0.650	0.	0.
270 - 240	0.806	0.788	0.694	0.687	0.	0.
240 - 210	0.875	0.869	0.844	0.825	0.	0.
210 - 180	0.881	0.875	0.850	0.838	0.	0.
180 - 150	0.888	0.875	0.863	0.838	0.	0.
150 - 120	0.888	0.875	0.863	0.838	0.	0.
120 - 90	0.894	0.881	0.869	0.844	0.	0.
90 - 60	0.894	0.881	0.875	0.856	0.	0.
60 - 30	0.894	0.888	0.875	0.863	0.	0.
30 - 0	0.900	0.894	0.881	0.869	0.	0.

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